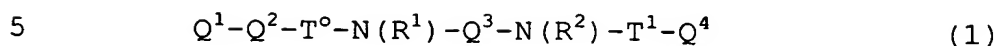


CLAIMS

1. A compound represented by the general formula
(1):



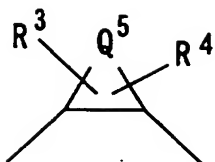
wherein

R^1 and R^2 , independently of each other, represent a hydrogen atom, hydroxyl group, alkyl group or alkoxy group;

10 Q^1 represents a saturated or unsaturated, 5- or 6-membered cyclic hydrocarbon group which may be substituted, a saturated or unsaturated, 5- to 7-membered heterocyclic group which may be substituted, a saturated or unsaturated, bicyclic or tricyclic fused
15 hydrocarbon group which may be substituted, or a saturated or unsaturated, bicyclic or tricyclic fused heterocyclic group which may be substituted;

Q^2 represents a single bond, a saturated or unsaturated, 5- or 6-membered divalent cyclic
20 hydrocarbon group which may be substituted, a saturated or unsaturated, 5- to 7-membered divalent heterocyclic group which may be substituted, a saturated or unsaturated, divalent bicyclic or tricyclic fused hydrocarbon group which may be substituted, or a
25 saturated or unsaturated, divalent bicyclic or tricyclic fused heterocyclic group which may be substituted;

Q^3 represents the following group:



in which Q⁵ means an alkylene group having 1 to 8 carbon atoms, an alkenylene group having 2 to 8 carbon atoms, or a group $-(CH_2)_m-CH_2-A-CH_2-(CH_2)_n-$, in which m and n are independently of each other 0 or an integer of 1-3, and A means an oxygen atom, nitrogen atom, sulfur atom, -SO-, -SO₂-, -NH-, -O-NH-, -NH-NH-, -S-NH-, -SO-NH- or -SO₂-NH-, and R³ and R⁴ are substituents on carbon atom(s), nitrogen atom(s) or a sulfur atom(s) of a ring

10 comprising Q⁵ and are independently of each other a hydrogen atom, hydroxyl group, alkyl group, alkenyl group, alkynyl group, halogen atom, halogenoalkyl group, cyano group, cyanoalkyl group, amino group, aminoalkyl group, N-alkylaminoalkyl group, N,N-dialkylaminoalkyl

15 group, acyl group, acylalkyl group, acylamino group which may be substituted, alkoxyimino group, hydroxyimino group, acylaminoalkyl group, alkoxy group, alkoxyalkyl group, hydroxyalkyl group, carboxyl group, carboxyalkyl group, alkoxycarbonyl group,

20 alkoxycarbonylalkyl group, alkoxycarbonylalkylamino group, carboxyalkylamino group, alkoxycarbonylamino group, alkoxycarbonylaminoalkyl group, carbamoyl group, N-alkylcarbamoyl group which may have a substituent on the alkyl group, N,N-dialkylcarbamoyl group which may

have a substituent on the alkyl group(s), N-
 alkenylcarbamoyl group, N-alkenylcarbamoylalkyl group,
 N-alkenyl-N-alkylcarbamoyl group, N-alkenyl-N-
 alkylcarbamoylalkyl group, N-alkoxycarbamoyl group, N-
 5 alkyl-N-alkoxycarbamoyl group, N-alkoxycarbamoylalkyl
 group, N-alkyl-N-alkoxycarbamoylalkyl group, carbazoyl
 group which may be substituted by 1 to 3 alkyl groups,
 alkylsulfonyl group, alkylsulfonylalkyl group, 3- to 6-
 membered heterocyclic carbonyl group which may be
 10 substituted, carbamoylalkyl group, N-alkylcarbamoylalkyl
 group which may have a substituent on the alkyl group(s),
 N,N-dialkylcarbamoylalkyl group which may have a
 substituent on the alkyl group(s), carbamoyloxyalkyl
 group, N-alkylcarbamoyloxyalkyl group, N,N-
 15 dialkylcarbamoyloxyalkyl group, 3- to 6-membered
 heterocyclic carbonylalkyl group which may be
 substituted, 3- to 6-membered heterocyclic
 carbonyloxyalkyl group which may be substituted, aryl
 group, aralkyl group, heteroaryl group, heteroarylalkyl
 20 group, alkylsulfonylamino group, arylsulfonylamino group,
 alkylsulfonylaminoalkyl group, arylsulfonylaminoalkyl
 group, alkylsulfonylaminocarbonyl group,
 arylsulfonylaminocarbonyl group, alkylsulfonyl-
 aminocarbonylalkyl group, arylsulfonylaminocarbonylalkyl
 25 group, oxo group, carbamoyloxy group, aralkyloxy group,
 carboxyalkyloxy group, acyloxy group, acyloxyalkyl group,
 arylsulfonyl group, alkoxycarbonylalkylsulfonyl group,

carboxyalkylsulfonyl group, alkoxycarbonylacyl group,
alkoxyalkyloxycarbonyl group, hydroxyacyl group,
alkoxyacyl group, halogenoacyl group, carboxyacyl group,
aminoacyl group, acyloxyacyl group, acyloxyalkylsulfonyl
5 group, hydroxyalkylsulfonyl group, alkoxyalkylsulfonyl
group, 3- to 6-membered heterocyclic sulfonyl group
which may be substituted, N-alkylaminoacyl group, N,N-
dialkylaminoacyl group, N,N-dialkylcarbamoylacyl group
which may have a substituent on the alkyl group(s), N,N-
10 dialkylcarbamoylalkylsulfonyl group which may have a
substituent on the alkyl group(s), alkylsulfonylacyl
group, aminocarbothioyl group, N-alkylaminocarbothioyl
group, N,N-dialkylaminocarbothioyl group or
alkoxyalkyl(thiocarbonyl) group, or R^3 and R^4 , together
15 with each other, denote an alkylene group having 1 to 5
carbon atoms, alkenylene group having 2 to 5 carbon
atoms, alkylenedioxy group having 1 to 5 carbon atoms or
carbonyldioxy group;

Q^4 represents an aryl group which may be
20 substituted, an arylalkenyl group which may be
substituted, an arylalkynyl group which may be
substituted, a heteroaryl group which may be substituted,
a heteroarylalkenyl group which may be substituted, a
saturated or unsaturated, bicyclic or tricyclic fused
25 hydrocarbon group which may be substituted, or a
saturated or unsaturated, bicyclic or tricyclic fused
heterocyclic group which may be substituted;

T^0 represents a carbonyl or thiocarbonyl group; and
 T^1 represents a carbonyl group, sulfonyl group,
 group $-C(=O)-C(=O)-N(R')$ -, group $-C(=S)-C(=O)-N(R')$ -,
 group $-C(=O)-C(=S)-N(R')$ -, group $-C(=S)-C(=S)-N(R')$ -, in
 5 which R' means a hydrogen atom, hydroxyl group, alkyl
 group or alkoxy group, group $-C(=O)-A^1-N(R'')$ -, in which
 A^1 means an alkylene group having 1 to 5 carbon atoms,
 which may be substituted, and R'' means a hydrogen atom,
 hydroxyl group, alkyl group or alkoxy group, group
 10 $-C(=O)-NH$ -, group $-C(=S)-NH$ -, group $-C(=O)-NH-NH$ -, group
 $-C(=O)-A^2-C(=O)-$ -, in which A^2 means a single bond or
 alkylene group having 1 to 5 carbon atoms, group $-C(=O)-$
 $A^3-C(=O)-NH$ -, in which A^3 means an alkylene group having
 1 to 5 carbon atoms, group $-C(=O)-C(=NOR^a)-N(R^b)$ -, group
 15 $-C(=S)-C(=NOR^a)-N(R^b)$ -, in which R^a means a hydrogen atom,
 alkyl group or alkanoyl group, and R^b means a hydrogen
 atom, hydroxyl group, alkyl group or alkoxy group, group
 $-C(=O)-N=N$ -, group $-C(=S)-N=N$ -, group $-C(=NOR^c)-C(=O)-$
 $N(R^d)$ -, in which R^c means a hydrogen atom, alkyl group,
 20 alkanoyl group, aryl group or aralkyl group, and R^d means
 a hydrogen atom, hydroxyl group, alkyl group or alkoxy
 group, group $-C(=N-N(R^e)(R^f))-C(=O)-N(R^g)$ -, in which R^e
 and R^f , independently of each other, mean a hydrogen atom,
 alkyl group, alkanoyl group or alkyl(thiocarbonyl) group,
 25 and R^g means a hydrogen atom, hydroxyl group, alkyl group
 or alkoxy group, or thiocarbonyl group;
 a salt thereof, a solvate thereof, or an N-oxide thereof.

2. The compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to Claim 1, wherein the group Q^4 in the formula (1) is a group selected from the group consisting of a phenyl group which may be substituted, a naphthyl group which may be substituted, an anthryl group which may be substituted, a phenanthryl group which may be substituted, a styryl group which may be substituted, a phenylethynyl group which may be substituted, a pyridyl group which may be substituted, a pyridazinyl group which may be substituted, a pyradinyl group which may be substituted, a furyl group which may be substituted, a thienyl group which may be substituted, a pyrrolyl group which may be substituted, a thiazolyl group which may be substituted, an oxazolyl group which may be substituted, a pyrimidinyl group which may be substituted, a tetrazolyl group which may be substituted, a thienylethenyl group which may be substituted, a pyridylethenyl group which may be substituted, an indenyl group which may be substituted, an indanyl group which may be substituted, a tetrahydronaphthyl group which may be substituted, a benzofuryl group which may be substituted, an isobenzofuryl group which may be substituted, a benzothienyl group which may be substituted, an indolyl group which may be substituted, an indolinyl group which may be substituted, an isoindolyl group which may be substituted, an isoindolinyl group which may be

substituted, an indazolyl group which may be substituted,
a quinolyl group which may be substituted, a
dihydroquinolyl group which may be substituted, a 4-
oxodihydroquinolyl group (dihydroquinolin-4-on) which
5 may be substituted, a tetrahydroquinolyl group which may
be substituted, an isoquinolyl group which may be
substituted, a tetrahydroisoquinolyl group which may be
substituted, a chromenyl group which may be substituted,
a chromanyl group which may be substituted, an
10 isochromanyl group which may be substituted, a 4H-4-
oxobenzopyranyl group which may be substituted, a 3,4-
dihydro-4H-4-oxobenzopyranyl group which may be
substituted, a 4H-quinolizinyll group which may be
substituted, a quinazolinyl group which may be
15 substituted, a dihydroquinazolinyl group which may be
substituted, a tetrahydroquinazolinyl group which may be
substituted, a quinoxalinyl group which may be
substituted, a tetrahydroquinoxalinyl group which may be
substituted, a cinnolinyl group which may be substituted,
20 a tetrahydrocinnolinyl group which may be substituted,
an indolizinyll group which may be substituted, a
tetrahydroindolizinyll group which may be substituted, a
benzothiazolyl group which may be substituted, a
tetrahydrobenzothiazolyl group which may be substituted,
25 a benzoxazolyl group which may be substituted, a
benzoisothiazolyl group which may be substituted, a
benzoisoxazolyl group which may be substituted, a

benzimidazolyl group which may be substituted, a
naphthyridinyl group which may be substituted, a
tetrahydronaphthyridinyl group which may be substituted,
a thienopyridyl group which may be substituted, a
5 tetrahydrothienopyridyl group which may be substituted,
a thiazolopyridyl group which may be substituted, a
tetrahydrothiazolopyridyl group which may be substituted,
a thiazolopyridazinyl group which may be substituted, a
tetrahydrothiazolopyridazinyl group which may be
10 substituted, a pyrrolopyridyl group which may be
substituted, a dihydropyrrolopyridyl group which may be
substituted, a tetrahydropyrrolopyridyl group which may
be substituted, a pyrrolopyrimidinyl group which may be
substituted, a dihydropyrrolopyrimidinyl group which may
15 be substituted, a pyridoquinazolinyl group which may be
substituted, a dihydropyridoquinazolinyl group which may
be substituted, a pyridopyrimidinyl group which may be
substituted, a tetrahydropyridopyrimidinyl group which
may be substituted, a pyranothiazolyl group which may be
20 substituted, a dihydropyranothiazolyl group which may be
substituted, a furopyridyl group which may be
substituted, a tetrahydrofuropyridyl group which may be
substituted, an oxazolopyridyl group which may be
substituted, a tetrahydrooxazolopyridyl group which may
25 be substituted, an oxazolopyridazinyl group which may be
substituted, a tetrahydrooxazolopyridazinyl group which
may be substituted, a pyrrolothiazolyl group which may

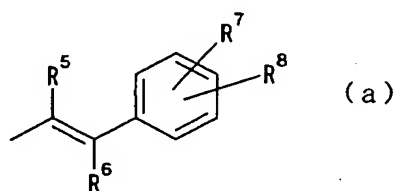
be substituted, a dihydropyrrolothiazolyl group which
 may be substituted, a pyrrolooxazolyl group which may be
 substituted, a dihydropyrrolooxazolyl group which may be
 substituted, a thienopyrrolyl group which may be
 5 substituted, a thiazolopyrimidinyl group which may be
 substituted, a 4-oxo-tetrahydrocinnolinyl group which
 may be substituted, a 1,2,4-benzothiadiazinyl group
 which may be substituted, a 1,1-dioxy-2H-1,2,4-
 benzothiadiazinyl group which may be substituted, a
 10 1,2,4-benzoxadiazinyl group which may be substituted, a
 cyclopentapyranyl group which may be substituted, a
 thienofuranyl group which may be substituted, a
 furopyranlyl group which may be substituted, a
 pyridoxazinyl group which may be substituted, a
 15 pyrazoloxazolyl group which may be substituted, an
 imidazothiazolyl group which may be substituted, an
 imidazopyridyl group which may be substituted, a
 tetrahydroimidazopyridyl group which may be substituted,
 a pyrazinopyridazinyl group which may be substituted, a
 20 benzoisoquinolyl group which may be substituted, a
 furocinnolyl group which may be substituted, a
 pyrazolothiazolopyridazinyl group which may be
 substituted, a tetrahydropyrazolothiazolopyridazinyl
 group which may be substituted, a
 25 hexahydrothiazolopyridazinopyridazinyl group which may
 be substituted, an imidazotriazinyl group which may be
 substituted, an oxazolopyridyl group which may be

substituted, a benzoxepinyl group which may be
substituted, a benzoazepinyl group which may be
substituted, a tetrahydrobenzoazepinyl group which may
be substituted, a benzodiazepinyl group which may be
5 substituted, a benzotriazepinyl group which may be
substituted, a thienozepinyl group which may be
substituted, a tetrahydrothienozepinyl group which may
be substituted, a thienodiazepinyl group which may be
substituted, a thienotriazepinyl group which may be
10 substituted, a thiazoloazepinyl group which may be
substituted, a tetrahydrothiazoloazepinyl group which
may be substituted, a 4,5,6,7-tetrahydro-5,6-
tetramethylenethiazolopyridazinyl group which may be
substituted, and a 5,6-trimethylene-4,5,6,7-
15 tetrahydrothiazolopyridazinyl group which may be
substituted.

3. The compound, the salt thereof, the solvate
thereof, or the N-oxide thereof according to Claim 1 or
2, wherein the substituent(s) on the group Q⁴ are 1 to 3
20 substituents selected from a hydroxyl group, halogen
atoms, halogenoalkyl groups, an amino group, a cyano
group, aminoalkyl groups, a nitro group, hydroxyalkyl
groups, alkoxyalkyl groups, a carboxyl group,
carboxyalkyl groups, alkoxycarbonylalkyl groups, acyl
25 groups, an amidino group, a hydroxyamidino group, linear,
branched or cyclic alkyl groups having 1 to 6 carbon
atoms, linear, branched or cyclic alkoxy groups having 1

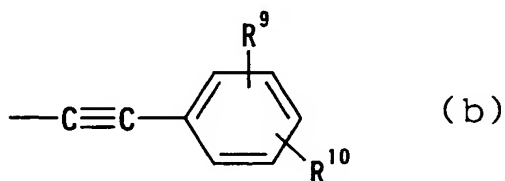
to 6 carbon atoms, amidino groups substituted by a linear, branched or cyclic alkoxy carbonyl group having 2 to 7 carbon atoms, linear, branched or cyclic alkenyl groups having 2 to 6 carbon atoms, linear or branched alkynyl groups having 2 to 6 carbon atoms, linear, branched or cyclic alkoxy carbonyl groups having 2 to 6 carbon atoms, a carbamoyl group, mono- or di-alkylcarbamoyl groups substituted by a linear, branched or cyclic alkyl groups having 1 to 6 carbon atoms on the nitrogen atom, mono- or di-alkylamino groups substituted by a linear, branched or cyclic alkyl groups having 1 to 6 carbon atoms, and 5- or 6-membered nitrogen-containing heterocyclic groups.

4. The compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to Claim 1, wherein the group Q^4 represents any of the following groups:

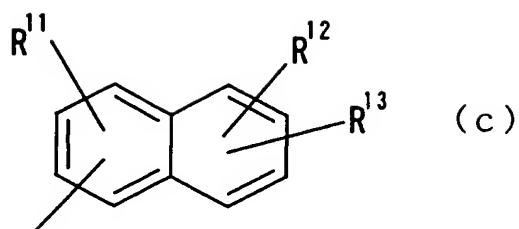


wherein R^5 and R^6 , independently of each other, represent a hydrogen atom, cyano group, halogen atom, alkyl group, hydroxyalkyl group, alkoxy group, alkoxyalkyl group, carboxyl group, carboxyalkyl group, acyl group, alkoxy carbonyl group, alkoxy carbonylalkyl group, or phenyl group which may be substituted by a cyano group,

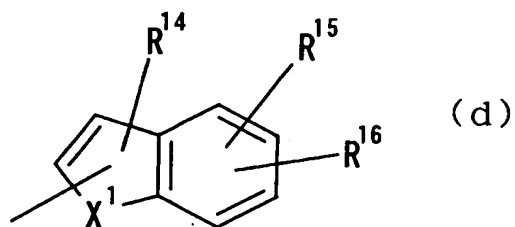
hydroxyl group, halogen atom, alkyl group or alkoxy group, and R^7 and R^8 , independently of each other, represent a hydrogen atom, hydroxyl group, nitro group, amino group, cyano group, halogen atom, alkyl group, alkenyl group, alkynyl group, halogenoalkyl group, hydroxyalkyl group, alkoxy group, alkoxyalkyl group, carboxyl group, carboxyalkyl group, acyl group, carbamoyl group, N-alkylcarbamoyl group, N,N-dialkylcarbamoyl group, alkoxycarbonyl group, amidino group or alkoxycarbonylalkyl group;



wherein R^9 and R^{10} , independently of each other, represent a hydrogen atom, hydroxyl group, nitro group, amino group, cyano group, halogen atom, alkyl group, alkenyl group, alkynyl group, halogenoalkyl group, hydroxyalkyl group, alkoxy group, alkoxyalkyl group, carboxyl group, carboxyalkyl group, acyl group, carbamoyl group, N-alkylcarbamoyl group, N,N-dialkylcarbamoyl group, alkoxycarbonyl group, amidino group or alkoxycarbonylalkyl group;

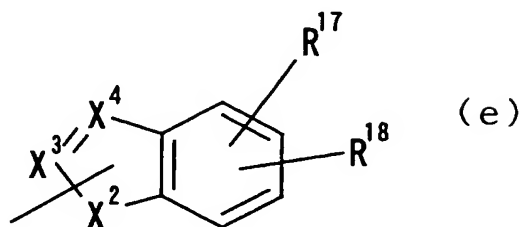


wherein R^{11} , R^{12} and R^{13} , independently of one another, represent a hydrogen atom, hydroxyl group, nitro group, amino group, cyano group, halogen atom, alkyl group, alkenyl group, alkynyl group, halogenoalkyl group, hydroxyalkyl group, alkoxy group, alkoxyalkyl group, carboxyl group, carboxyalkyl group, acyl group, carbamoyl group, N-alkylcarbamoyl group, N,N-dialkylcarbamoyl group, alkoxycarbonyl group, amidino group or alkoxycarbonylalkyl group;

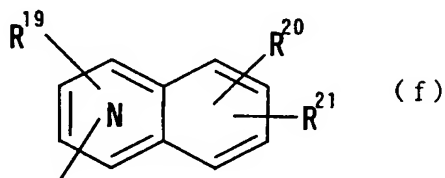


wherein X^1 represents CH_2 , CH , NH , NOH , N , O or S , and R^{14} , R^{15} and R^{16} , independently of one another, represent a hydrogen atom, hydroxyl group, nitro group, amino group, cyano group, halogen atom, alkyl group, alkenyl group, alkynyl group, halogenoalkyl group, hydroxyalkyl group, alkoxy group, alkoxyalkyl group, carboxyl group, carboxyalkyl group, acyl group, carbamoyl group, N-alkylcarbamoyl group, N,N-dialkylcarbamoyl group,

alkoxycarbonyl group, amidino group or
alkoxycarbonylalkyl group;

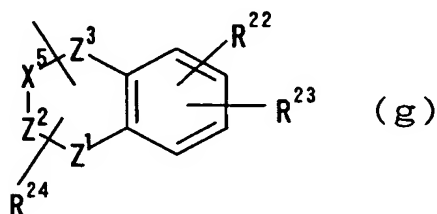


wherein X^2 represents NH, N, O or S, X^3 represents N, C
5 or CH, X^4 represents N, C or CH, and R^{17} and R^{18} ,
independently of each other, represent a hydrogen atom,
hydroxyl group, nitro group, amino group, cyano group,
halogen atom, alkyl group, alkenyl group, alkynyl group,
halogenoalkyl group, hydroxyalkyl group, alkoxy group,
10 alkoxyalkyl group, carboxyl group, carboxyalkyl group,
acyl group, carbamoyl group, N-alkylcarbamoyl group,
N,N-dialkylcarbamoyl group, alkoxycarbonyl group,
amidino group or alkoxycarbonylalkyl group, excluding
the cases where X^3 and X^4 are combinations of C and CH,
15 and are both C or CH;

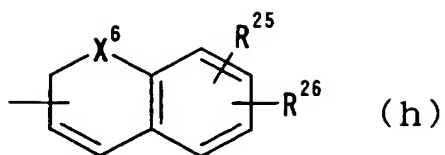


wherein N indicates that 1 or 2 carbon atoms of the ring
substituted by R^{19} have been substituted by a nitrogen
atom, and R^{19} , R^{20} and R^{21} , independently of one another,
20 represent a hydrogen atom, hydroxyl group, nitro group,

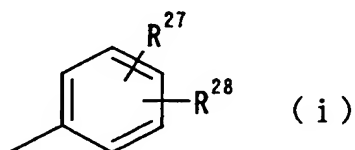
amino group, cyano group, halogen atom, alkyl group,
 alkenyl group, alkynyl group, halogenoalkyl group,
 hydroxyalkyl group, alkoxy group, alkoxyalkyl group,
 carboxyl group, carboxyalkyl group, acyl group,
 5 carbamoyl group, N-alkylcarbamoyl group, N,N-
 dialkylcarbamoyl group, alkoxycarbonyl group, amidino
 group or alkoxycarbonylalkyl group;



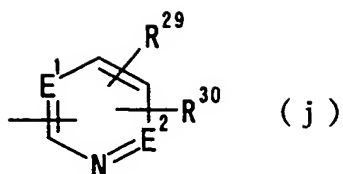
wherein X^5 represents CH_2 , CH , N or NH , Z^1 represents N ,
 10 NH or O , Z^2 represents CH_2 , CH , C or N , Z^3 represents CH_2 ,
 CH , S , SO_2 or $C=O$, X^5-Z^2 indicates that X^5 and Z^2 are
 bonded to each other by a single bond or double bond, R^{22}
 and R^{23} , independently of each other, represent a
 hydrogen atom, hydroxyl group, nitro group, amino group,
 15 cyano group, halogen atom, alkyl group, alkenyl group,
 alkynyl group, halogenoalkyl group, hydroxyalkyl group,
 alkoxy group, alkoxyalkyl group, carboxyl group,
 carboxyalkyl group, acyl group, carbamoyl group, N-
 alkylcarbamoyl group, N,N-dialkylcarbamoyl group,
 20 alkoxycarbonyl group, amidino group or
 alkoxycarbonylalkyl group, and R^{24} represents a hydrogen
 atom or alkyl group;



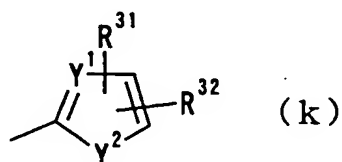
wherein X^6 represents O or S, and R^{25} and R^{26} ,
independently of each other, represent a hydrogen atom,
hydroxyl group, nitro group, amino group, cyano group,
5 halogen atom, alkyl group, alkenyl group, alkynyl group,
halogenoalkyl group, hydroxyalkyl group, alkoxy group,
alkoxyalkyl group, carboxyl group, carboxyalkyl group,
acyl group, carbamoyl group, N-alkylcarbamoyl group,
N,N-dialkylcarbamoyl group, alkoxycarbonyl group,
10 amidino group or alkoxycarbonylalkyl group;



wherein R^{27} and R^{28} , independently of each other,
represent a hydrogen atom, hydroxyl group, nitro group,
amino group, cyano group, halogen atom, alkyl group,
15 alkenyl group, alkynyl group, halogenoalkyl group,
hydroxyalkyl group, alkoxy group, alkoxyalkyl group,
carboxyl group, carboxyalkyl group, acyl group,
carbamoyl group, N-alkylcarbamoyl group, N,N-
dialkylcarbamoyl group, alkoxycarbonyl group, amidino
20 group or alkoxycarbonylalkyl group;

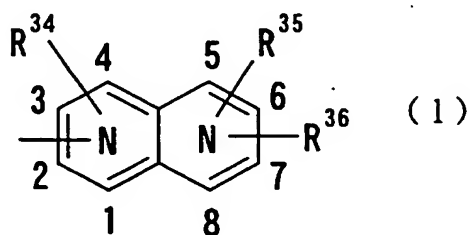


wherein E^1 and E^2 , independently of each other, represent N or CH, and R^{29} and R^{30} , independently of each other, represent a hydrogen atom, hydroxyl group, nitro group, amino group, cyano group, halogen atom, alkyl group, alkenyl group, alkynyl group, halogenoalkyl group, hydroxyalkyl group, alkoxy group, alkoxyalkyl group, carboxyl group, carboxyalkyl group, acyl group, carbamoyl group, N-alkylcarbamoyl group, N,N-dialkylcarbamoyl group, alkoxycarbonyl group, amidino group or alkoxycarbonylalkyl group;



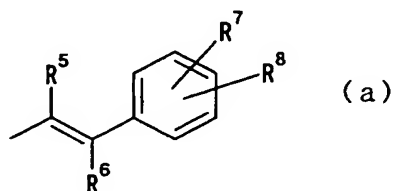
wherein Y^1 represents CH or N, Y^2 represents $-N(R^{33})-$, in which R^{33} means a hydrogen atom or alkyl group having 1 to 6 carbon atoms, O or S, and R^{31} and R^{32} , independently of each other, represent a hydrogen atom, hydroxyl group, nitro group, amino group, cyano group, halogen atom, alkyl group, alkenyl group, alkynyl group, halogenoalkyl group, hydroxyalkyl group, alkoxy group, alkoxyalkyl group, carboxyl group, carboxyalkyl group, acyl group, carbamoyl group, N-alkylcarbamoyl group, N,N-

dialkylcarbamoyl group, alkoxycarbonyl group, amidino group or alkoxycarbonylalkyl group; and

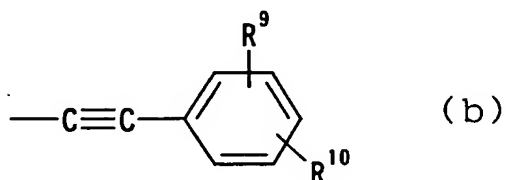


wherein numerals 1 to 8 indicate positions, each N indicates that any one of carbon atoms of positions 1 to 4 and any one of carbon atoms of positions 5 to 8 has been substituted by a nitrogen atom, and R^{34} , R^{35} and R^{36} , independently of one another, represent a hydrogen atom, hydroxyl group, nitro group, amino group, cyano group, halogen atom, alkyl group, alkenyl group, alkynyl group, halogenoalkyl group, hydroxyalkyl group, alkoxy group, alkoxyalkyl group, carboxyl group, carboxyalkyl group, acyl group, carbamoyl group, N-alkylcarbamoyl group, N,N-dialkylcarbamoyl group, alkoxycarbonyl group, amidino group or alkoxycarbonylalkyl group.

5. The compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to Claim 1, wherein the group Q^4 represents any of the following groups:

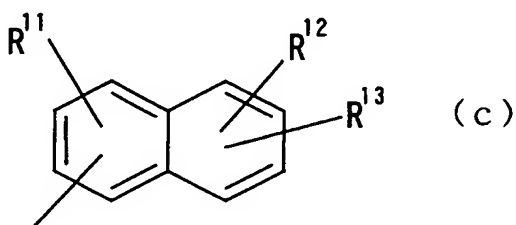


wherein R^5 and R^6 , independently of each other, represent a hydrogen atom or alkyl group, R^7 represents a hydrogen atom, and R^8 represents a hydrogen atom, halogen atom, alkyl group or alkynyl group;

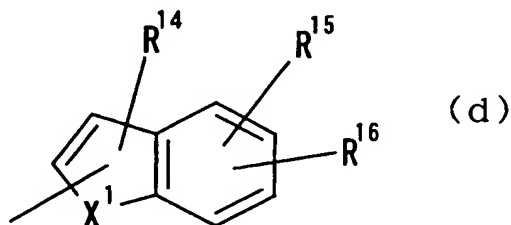


5

wherein R^9 represents a hydrogen atom, and R^{10} represents a hydrogen atom, halogen atom, alkyl group or alkynyl group;

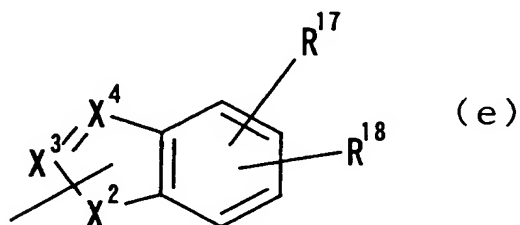


10 wherein R^{11} and R^{12} both represent hydrogen atoms, and R^{13} represents a hydrogen atom, halogen atom, alkyl group or alkynyl group;

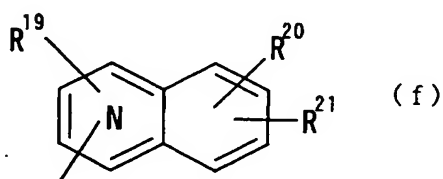


15 wherein X^1 represents NH, NOH, N, O or S, R^{14} represents a hydrogen atom, halogen atom, acyl group, N-alkylcarbamoyl group, N,N-dialkylcarbamoyl group or

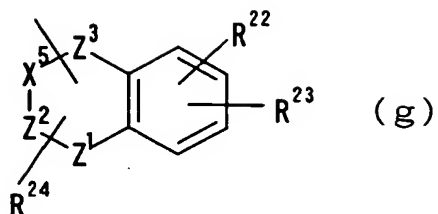
alkyl group, R^{15} represents a hydrogen atom or halogen atom, and R^{16} represents a hydrogen atom, halogen atom, alkyl group or alkynyl group;



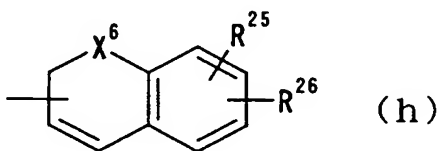
- 5 wherein X^2 represents NH, O or S, X^3 represents N, C or CH, X^4 represents N, C or CH, R^{17} represents a hydrogen atom, and R^{18} represents a hydrogen atom, halogen atom, alkyl group or alkynyl group, excluding the cases where X^3 and X^4 are combinations of C and CH, and are both C or
- 10 CH;



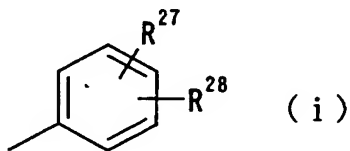
- wherein N indicates that 1 or 2 carbon atoms of the ring substituted by R^{19} have been substituted by a nitrogen atom, R^{19} and R^{20} both represent hydrogen atoms, and R^{21}
- 15 represents a hydrogen atom, cyano group, halogen atom, alkyl group, alkenyl group, alkynyl group or halogenoalkyl group;



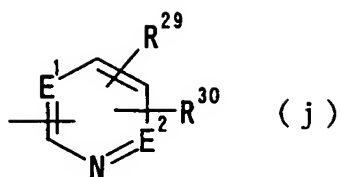
wherein X^5 represents CH_2 , CH , N or NH , Z^1 represents N , NH or O , Z^2 represents CH_2 , CH , C or N , Z^3 represents CH_2 , CH , S , SO_2 or $C=O$, X^5-Z^2 indicates that X^5 and Z^2 are
 5 bonded to each other by a single bond or double bond, R^{22} represents a hydrogen atom, R^{23} represents a hydrogen atom, halogen atom, alkyl group or alkynyl group, and R^{24} represents a hydrogen atom;



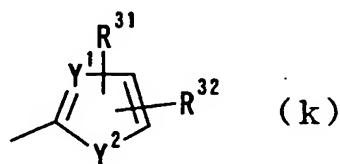
10 wherein X^6 represents O , R^{25} represents a hydrogen atom, and R^{26} represents a hydrogen atom, halogen atom, alkyl group or alkynyl group;



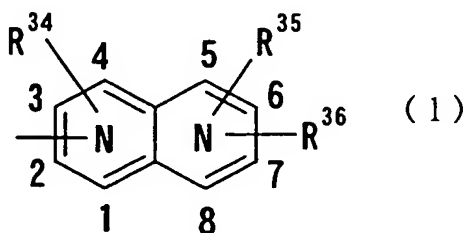
wherein R^{27} represents a hydrogen atom or halogen atom,
 15 and R^{28} represents a hydrogen atom, halogen atom, alkyl group or alkynyl group;



wherein E^1 and E^2 , independently of each other, represent N or CH, R^{29} represents a hydrogen atom or halogen atom, and R^{30} represents a hydrogen atom, halogen atom, alkyl group or alkynyl group;



wherein Y^1 represents CH or N, Y^2 represents $-N(R^{33})-$, in which R^{33} means a hydrogen atom or alkyl group having 1 to 6 carbon atoms, O or S, R^{31} represents a hydrogen atom or halogen atom, and R^{32} represents a hydrogen atom, halogen atom, alkyl group or alkynyl group; and



wherein numerals 1 to 8 indicate positions, each N indicates that any one of carbon atoms of positions 1 to 4 and any one of carbon atoms of positions 5 to 8 has been substituted by a nitrogen atom, R^{34} represents a hydrogen atom or halogen atom, R^{35} represents a hydrogen

atom or halogen atom, and R³⁶ represents a hydrogen atom, halogen atom, alkyl group or alkynyl group.

6. The compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to any one of
5 claims 1 to 3, wherein the group Q⁴ in the formula (1) is
a 4-chlorostyryl, 4-fluorostyryl, 4-bromostyryl, 4-
ethynylstyryl, 4-chlorophenylethynyl, 4-fluorophenyl-
ethynyl, 4-bromophenylethynyl, 4-ethynylphenylethynyl,
6-chloro-2-naphthyl, 6-fluoro-2-naphthyl, 6-bromo-2-
10 naphthyl, 6-ethynyl-2-naphthyl, 7-chloro-2-naphthyl, 7-
fluoro-2-naphthyl, 7-bromo-2-naphthyl, 7-ethynyl-2-
naphthyl, 5-chloroindol-2-yl, 5-fluoroindol-2-yl, 5-
bromoindol-2-yl, 5-ethynylindol-2-yl, 5-methylindol-2-yl,
5-chloro-4-fluoroindol-2-yl, 5-chloro-3-fluoroindol-2-yl,
15 3-bromo-5-chloroindol-2-yl, 3-chloro-5-fluoroindol-2-yl,
3-bromo-5-fluoroindol-2-yl, 5-bromo-3-chloroindol-2-yl,
5-bromo-3-fluoroindol-2-yl, 5-chloro-3-formylindol-2-yl,
5-fluoro-3-formylindol-2-yl, 5-bromo-3-formylindol-2-yl,
5-ethynyl-3-formylindol-2-yl, 5-chloro-3-(N,N-
20 dimethylcarbamoyl)indol-2-yl, 5-fluoro-3-(N,N-
dimethylcarbamoyl)indol-2-yl, 5-bromo-3-(N,N-
dimethylcarbamoyl)indol-2-yl, 5-ethynyl-3-(N,N-
dimethylcarbamoyl)indol-2-yl, 6-chloroindol-2-yl, 6-
fluoroindol-2-yl, 6-bromoindol-2-yl, 6-ethynylindol-2-yl,
25 6-methylindol-2-yl, 5-chlorobenzothiophen-2-yl, 5-
fluorobenzothiophen-2-yl, 5-bromobenzothiophen-2-yl, 5-
ethynylbenzothiophen-2-yl, 5-methylbenzothiophen-2-yl,

5-chloro-4-fluorobenzothiophen-2-yl, 6-chloro-
 benzothiophen-2-yl, 6-fluorobenzothiophen-2-yl, 6-
 bromobenzothiophen-2-yl, 6-ethynylbenzothiophen-2-yl, 6-
 methylbenzothiophen-2-yl, 5-chlorobenzofuran-2-yl, 5-
 5 fluorobenzofuran-2-yl, 5-bromobenzofuran-2-yl, 5-
 ethynylbenzofuran-2-yl, 5-methylbenzofuran-2-yl, 5-
 chloro-4-fluorobenzofuran-2-yl, 6-chlorobenzofuran-2-yl,
 6-fluorobenzofuran-2-yl, 6-bromobenzofuran-2-yl, 6-
 ethynylbenzofuran-2-yl, 6-methylbenzofuran-2-yl, 5-
 10 chlorobenzimidazol-2-yl, 5-fluorobenzimidazol-2-yl, 5-
 bromobenzimidazol-2-yl, 5-ethynylbenzimidazol-2-yl, 6-
 chloroquinolin-2-yl, 6-fluoroquinolin-2-yl, 6-
 bromoquinolin-2-yl, 6-ethynylquinolin-2-yl, 7-
 chloroquinolin-3-yl, 7-fluoroquinolin-3-yl, 7-
 15 bromoquinolin-3-yl, 7-ethynylquinolin-3-yl, 7-
 chloroisoquinolin-3-yl, 7-fluoroisoquinolin-3-yl, 7-
 bromoisoquinolin-3-yl, 7-ethynylisoquinolin-3-yl, 7-
 chlorocinnolin-3-yl, 7-fluorocinnolin-3-yl, 7-
 bromocinnolin-3-yl, 7-ethynylcinnolin-3-yl, 7-chloro-2H-
 20 chromen-3-yl, 7-fluoro-2H-chromen-3-yl, 7-bromo-2H-
 chromen-3-yl, 7-ethynyl-2H-chromen-3-yl, 6-chloro-4-oxo-
 1,4-dihydroquinolin-2-yl, 6-fluoro-4-oxo-1,4-
 dihydroquinolin-2-yl, 6-bromo-4-oxo-1,4-dihydroquinolin-
 2-yl, 6-ethynyl-4-oxo-1,4-dihydroquinolin-2-yl, 6-
 25 chloro-4-oxo-1,4-dihydroquinazolin-2-yl, 6-fluoro-4-oxo-
 1,4-dihydroquinazolin-2-yl, 6-bromo-4-oxo-1,4-dihydro-
 quinazolin-2-yl, 6-ethynyl-4-oxo-1,4-dihydroquinazolin-

2-yl, phenyl, 4-chlorophenyl, 4-fluorophenyl, 4-bromophenyl, 4-ethynylphenyl, 3-chlorophenyl, 3-fluorophenyl, 3-bromo-phenyl, 3-ethynylphenyl, 3-chloro-4-fluorophenyl, 4-chloro-3-fluorophenyl, 4-chloro-2-fluorophenyl, 2-chloro-4-fluorophenyl, 4-bromo-2-fluorophenyl, 2-bromo-4-fluorophenyl, 2,4-dichlorophenyl, 2,4-difluorophenyl, 2,4-dibromophenyl, 4-chloro-3-methylphenyl, 4-fluoro-3-methylphenyl, 4-bromo-3-methylphenyl, 4-chloro-2-methylphenyl, 4-fluoro-2-methylphenyl, 4-bromo-2-methylphenyl, 3,4-dichlorophenyl, 3,4-difluorophenyl, 3,4-dibromophenyl, 2-pyridyl, 3-pyridyl, 4-pyridyl, 4-chloro-2-pyridyl, 4-fluoro-2-pyridyl, 4-bromo-2-pyridyl, 4-ethynyl-2-pyridyl, 4-chloro-3-pyridyl, 4-fluoro-3-pyridyl, 4-bromo-3-pyridyl, 4-ethynyl-3-pyridyl, 5-chloro-2-pyridyl, 5-fluoro-2-pyridyl, 5-bromo-2-pyridyl, 5-ethynyl-2-pyridyl, 4-chloro-5-fluoro-2-pyridyl, 5-chloro-4-fluoro-2-pyridyl, 5-chloro-3-pyridyl, 5-fluoro-3-pyridyl, 5-bromo-3-pyridyl, 5-ethynyl-3-pyridyl, 6-chloro-3-pyridazinyl, 6-fluoro-3-pyridazinyl, 6-bromo-3-pyridazinyl, 6-ethynyl-3-pyridazinyl, 5-chloro-2-thiazolyl, 5-fluoro-2-thiazolyl, 5-bromo-2-thiazolyl, 5-ethynyl-2-thiazolyl, 2-chlorothieno[2,3-b]pyrrol-5-yl, 2-fluorothieno[2,3-b]pyrrol-5-yl, 2-bromothieno[2,3-b]pyrrol-5-yl or 2-ethynylthieno[2,3-b]pyrrol-5-yl group.

7. The compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to any one of

claims 1 to 6, wherein the group Q^1 in the formula (1) is a saturated or unsaturated, bicyclic or tricyclic fused hydrocarbon group which may be substituted, or a saturated or unsaturated, bicyclic or tricyclic fused heterocyclic group which may be substituted.

8. The compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to any one of claims 1 to 6, wherein the group Q^1 in the formula (1) is a thienopyridyl group which may be substituted, tetrahydrothienopyridyl group which may be substituted, thiazolopyridyl group which may be substituted, tetrahydrothiazolopyridyl group which may be substituted, thiazolopyridazinyl group which may be substituted, tetrahydrothiazolopyridazinyl group which may be substituted, pyranothiazolyl group which may be substituted, dihydropyranothiazolyl group which may be substituted, furopyridyl group which may be substituted, tetrahydrofuropyridyl group which may be substituted, oxazolopyridyl group which may be substituted, tetrahydrooxazolopyridyl group which may be substituted, pyrrolopyridyl group which may be substituted, dihydropyrrolopyridyl group which may be substituted, tetrahydropyrrolopyridyl group which may be substituted, pyrrolopyrimidinyl group which may be substituted, dihydropyrrolopyrimidinyl group which may be substituted, oxazolopyridazinyl group which may be substituted, tetrahydrooxazolopyridazinyl group which may be

substituted, pyrrolothiazolyl group which may be
substituted, dihydropyrrolothiazolyl group which may be
substituted, pyrrolooxazolyl group which may be
substituted, dihydropyrrolooxazolyl group which may be
5 substituted, benzothiazolyl group which may be
substituted, tetrahydrobenzothiazolyl group which may be
substituted, thiazolopyrimidinyl group which may be
substituted, dihydrothiazolopyrimidinyl group which may
be substituted, benzoazepinyl group which may be
10 substituted, tetrahydrobenzoazepinyl group which may be
substituted, thiazoloazepinyl group which may be
substituted, tetrahydrothiazoloazepinyl group which may
be substituted, thienoazepinyl group which may be
substituted, tetrahydrothienoazepinyl group which may be
15 substituted, 4,5,6,7-tetrahydro-5,6-
tetramethylenethiazolopyridazinyl group which may be
substituted, or 5,6-trimethylene-4,5,6,7-
tetrahydrothiazolopyridazinyl group which may be
substituted.

20 9. The compound, the salt thereof, the solvate
thereof, or the N-oxide thereof according to any one of
claims 1 to 8, wherein the substituent(s) on the group Q¹
are 1 to 3 substituents selected from a hydroxyl group,
halogen atoms, halogenoalkyl groups, an amino group, a
25 cyano group, an amidino group, a hydroxyamidino group,
C₁-C₆ alkyl groups, C₃-C₆ cycloalkyl-C₁-C₆ alkyl groups,
hydroxy-C₁-C₆ alkyl groups, C₁-C₆ alkoxy groups, C₁-C₆

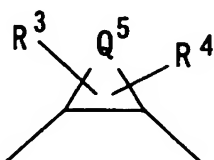
alkoxy C₁-C₆ alkyl group, a carboxyl group, C₂-C₆ carboxyalkyl groups, C₂-C₆ alkoxy carbonyl-C₁-C₆ alkyl groups, amidino groups substituted by a C₂-C₆ alkoxy carbonyl group, C₂-C₆ alkenyl groups, C₂-C₆ alkynyl groups, C₂-C₆ alkoxy carbonyl groups, amino C₁-C₆ alkyl groups, C₁-C₆ alkylamino-C₁-C₆ alkyl groups, di(C₁-C₆ alkyl)amino-C₁-C₆ alkyl groups, C₂-C₆ alkoxy carbonylamino-C₁-C₆ alkyl groups, C₁-C₆ alkanoyl groups, C₁-C₆ alkanoylamino-C₁-C₆ alkyl groups, C₁-C₆ alkylsulfonyl groups, C₁-C₆ alkylsulfonylamino-C₁-C₆ alkyl groups, a carbamoyl group, C₁-C₆ alkylcarbamoyl groups, N,N-di(C₁-C₆ alkyl)carbamoyl groups, C₁-C₆ alkylamino groups, di(C₁-C₆ alkyl)amino groups, 5- or 6-membered heterocyclic groups containing one of nitrogen, oxygen and sulfur or the same or different two atoms thereof, 5- or 6-membered heterocyclic group-C₁-C₄ alkyl group, 5- or 6-membered heterocyclic group-amino-C₁-C₄ alkyl group.

10. The compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to any one of claims 1 to 9, wherein the group T¹ in the formula (1) is a carbonyl group, group -C(=O)-C(=O)-N(R')-, group -C(=S)-C(=O)-N(R')-, group -C(=O)-C(=S)-N(R')- or group -C(=S)-C(=S)-N(R')-, in which R' means a hydrogen atom, hydroxyl group, alkyl group or alkoxy group.

11. The compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to any one of claims 1 to 9, wherein the group T¹ in the formula (1) is

a group $-C(=O)-C(=O)-N(R')-$, group $-C(=S)-C(=O)-N(R')-$, group $-C(=O)-C(=S)-N(R')-$ or group $-C(=S)-C(=S)-N(R')-$, in which R' means a hydrogen atom, hydroxyl group, alkyl group or alkoxy group.

- 5 12. The compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to any one of claims 1 to 11, wherein the group Q^3 in the formula (1) is

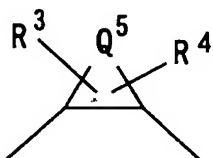


- 10 wherein Q^5 means an alkylene group having 3 to 6 carbon atoms or a group $-(CH_2)_m-CH_2-A-CH_2-(CH_2)_n-$, in which m and n are independently of each other 0 or 1, and A has the same meaning as defined above, and R^3 and R^4 are
- 15 group, alkyl group, alkenyl group, alkynyl group, halogen atom, halogenoalkyl group, amino group, hydroxyimino group, alkoxyimino group, aminoalkyl group, N-alkylaminoalkyl group, N,N-dialkylaminoalkyl group, acyl group, acylalkyl group, acylamino group which may
- 20 be substituted, acylaminoalkyl group, alkoxy group, alkoxyalkyl group, hydroxyalkyl group, carboxyl group, carboxyalkyl group, alkoxycarbonyl group, alkoxycarbonylalkyl group, alkoxycarbonylamino group, alkoxycarbonylaminoalkyl group, carbamoyl group, N-

alkylcarbamoyl group which may have a substituent on the alkyl group, N,N-dialkylcarbamoyl group which may have a substituent on the alkyl group(s), N-alkenylcarbamoyl group, N-alkenylcarbamoylalkyl group, N-alkenyl-N-alkylcarbamoyl group, N-alkenyl-N-alkylcarbamoylalkyl group, N-alkoxycarbamoyl group, N-alkyl-N-alkoxycarbamoyl group, N-alkoxycarbamoylalkyl group, N-alkyl-N-alkoxycarbamoylalkyl group, carbazoyl group which may be substituted by 1 to 3 alkyl groups, alkylsulfonyl group, alkylsulfonylalkyl group, 3- to 6-membered heterocyclic carbonyl group which may be substituted, 3- to 6-membered heterocyclic carbonyloxyalkyl group which may be substituted, carbamoylalkyl group, carbamoyloxyalkyl group, N-alkylcarbamoyloxyalkyl group, N,N-dialkylcarbamoyloxyalkyl group, N-alkylcarbamoylalkyl group which may have a substituent on the alkyl group(s), N,N-dialkylcarbamoylalkyl group which may have a substituent on the alkyl group(s), alkylsulfonylamino group, alkylsulfonylaminoalkyl group, oxo group, acyloxy group, acyloxyalkyl group, arylsulfonyl group, alkoxycarbonylalkylsulfonyl group, carboxyalkylsulfonyl group, alkoxycarbonylacyl group, carboxyacyl group, alkoxyalcyloxy carbonyl group, halogenoacyl group, N,N-dialkylaminoacyl group, acyloxyacyl group, hydroxyacyl group, alkoxacyl group, alkoxyalcylsulfonyl group, N,N-dialkylcarbamoylacyl group, N,N-

dialkylcarbamoylalkylsulfonyl group, alkylsulfonylacyl group, aminocarbothioyl group, N-alkylaminocarbothioyl group, N,N-dialkylaminocarbothioyl group or alkoxyalkyl(thiocarbonyl) group.

- 5 13. The compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to any one of claims 1 to 11, wherein the group Q^3 in the formula (1) is

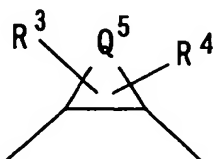


- 10 wherein Q^5 means a group $-(CH_2)_m-CH_2-A-CH_2-(CH_2)_n-$, in which m and n are independently of each other 0 or 1, and A has the same meaning as defined above, and R^3 and R^4 are independently of each other a hydrogen atom, hydroxyl group, alkyl group, alkenyl group, alkynyl
- 15 group, halogen atom, halogenoalkyl group, amino group, hydroxyimino group, alkoxyimino group, aminoalkyl group, N-alkylaminoalkyl group, N,N-dialkylaminoalkyl group, acyl group, acylalkyl group, acylamino group which may be substituted, acylaminoalkyl group, alkoxy group,
- 20 alkoxyalkyl group, hydroxyalkyl group, carboxyl group, carboxyalkyl group, alkoxycarbonyl group, alkoxycarbonylalkyl group, alkoxycarbonylamino group, alkoxycarbonylaminoalkyl group, carbamoyl group, N-alkylcarbamoyl group which may have a substituent on the

alkyl group, N,N-dialkylcarbamoyl group which may have a substituent on the alkyl group(s), N-alkenylcarbamoyl group, N-alkenylcarbamoylalkyl group, N-alkenyl-N-alkylcarbamoyl group, N-alkenyl-N-alkylcarbamoylalkyl group, N-alkoxycarbamoyl group, N-alkyl-N-alkoxycarbamoyl group, N-alkoxycarbamoylalkyl group, N-alkyl-N-alkoxycarbamoylalkyl group, carbazoyl group which may be substituted by 1 to 3 alkyl groups, alkylsulfonyl group, alkylsulfonylalkyl group, 3- to 6-membered heterocyclic carbonyl group which may be substituted, 3- to 6-membered heterocyclic carbonyloxyalkyl group which may be substituted, carbamoylalkyl group, carbamoyloxyalkyl group, N-alkylcarbamoyloxyalkyl group, N,N-dialkylcarbamoyloxyalkyl group, N-alkylcarbamoylalkyl group which may have a substituent on the alkyl group(s), N,N-dialkylcarbamoylalkyl group which may have a substituent on the alkyl group(s), alkylsulfonylamino group, alkylsulfonylaminoalkyl group, oxo group, acyloxy group, acyloxyalkyl group, arylsulfonyl group, alkoxycarbonylalkylsulfonyl group, carboxyalkylsulfonyl group, alkoxycarbonylacyl group, carboxyacyl group, alkoxyalkyloxycarbonyl group, halogenoacyl group, N,N-dialkylaminoacyl group, acyloxyacyl group, hydroxyacyl group, alkoxyacyl group, alkoxyalkylsulfonyl group, N,N-dialkylcarbamoylacyl group, N,N-dialkylcarbamoyl-alkylsulfonyl group, alkylsulfonylacyl group,

aminocarbothioyl group, N-alkylaminocarbothioyl group,
N,N-dialkylaminocarbothioyl group or
alkoxyalkyl(thiocarbonyl) group.

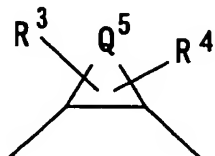
14. The compound, the salt thereof, the solvate
5 thereof, or the N-oxide thereof according to any one of
claims 1 to 11, wherein the group Q^3 in the formula (1)
is



wherein Q^5 means an alkylene group having 3 to 6 carbon
10 atoms, and R^3 and R^4 are independently of each other a
hydrogen atom, hydroxyl group, alkyl group, alkenyl
group, alkynyl group, halogen atom, halogenoalkyl group,
amino group, hydroxyimino group, alkoxyimino group,
aminoalkyl group, N-alkylaminoalkyl group, N,N-
15 dialkylaminoalkyl group, acyl group, acylalkyl group,
acylamino group which may be substituted, acylaminoalkyl
group, alkoxy group, alkoxyalkyl group, hydroxyalkyl
group, carboxyl group, carboxyalkyl group,
alkoxycarbonyl group, alkoxycarbonylalkyl group,
20 alkoxycarbonylamino group, alkoxycarbonylaminoalkyl
group, carbamoyl group, N-alkylcarbamoyl group which may
have a substituent on the alkyl group, N,N-
dialkylcarbamoyl group which may have a substituent on
the alkyl group(s), N-alkenylcarbamoyl group, N-

alkenylcarbamoylethyl group, N-alkenyl-N-alkylcarbamoylethyl group, N-alkenyl-N-alkylcarbamoylethyl group, N-alkoxyethyl group, N-alkyl-N-alkoxyethyl group, N-alkoxyethyl group, N-alkyl-N-alkoxyethyl group, N-alkyl-N-alkoxyethyl group, carbazoyl group which may be substituted by 1 to 3 alkyl groups, alkylsulfonyl group, alkylsulfonyl group, 3- to 6-membered heterocyclic carbonyl group which may be substituted, 3- to 6-membered heterocyclic carbonyloxyethyl group which may be substituted, carbamoylethyl group, carbamoyloxyethyl group, N-alkylcarbamoyloxyethyl group, N,N-dialkylcarbamoyloxyethyl group, N-alkylcarbamoyl group which may have a substituent on the alkyl group(s), N,N-dialkylcarbamoyl group which may have a substituent on the alkyl group(s), alkylsulfonylamino group, alkylsulfonylaminoethyl group, oxo group, acyloxy group, acyloxyethyl group, arylsulfonyl group, alkoxyethylalkylsulfonyl group, carboxyethylsulfonyl group, alkoxyethylacyl group, carboxyethyl group, alkoxyalkyloxycarbonyl group, halogenoacyl group, N,N-dialkylaminoacyl group, acyloxyacyl group, hydroxyacyl group, alkoxyacyl group, alkoxyethylsulfonyl group, N,N-dialkylcarbamoylacyl group, N,N-dialkylcarbamoyl-alkylsulfonyl group, alkylsulfonylacyl group, aminocarbothioyl group, N-alkylaminocarbothioyl group, N,N-dialkylaminocarbothioyl group or alkoxyethyl(thiocarbonyl) group.

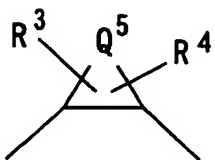
15. The compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to any one of claims 1 to 11, wherein the group Q^3 in the formula (1) is



5

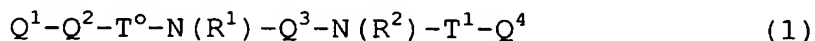
wherein Q^5 means an alkylene group having 4 carbon atoms, R^3 is a hydrogen atom, and R^4 is an N,N-dialkylcarbamoyl group which may have a substituent on the alkyl group(s).

16. The compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to any one of claims 1 to 11, wherein the group Q^3 in the formula (1) is



15 wherein Q^5 means an alkylene group having 4 carbon atoms, R^3 is a hydrogen atom, and R^4 is an N,N-dimethylcarbamoyl group.

17. The compound according to Claim 1, which is represented by the general formula (1):



20 wherein

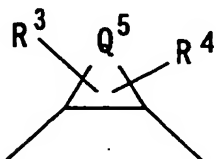
R^1 and R^2 , independently of each other, represent a

hydrogen atom, hydroxyl group, alkyl group or alkoxy group;

Q^1 represents a saturated or unsaturated, 5- or 6-membered cyclic hydrocarbon group which may be substituted, a saturated or unsaturated, 5- to 7-membered heterocyclic group which may be substituted, a saturated or unsaturated, bicyclic or tricyclic fused hydrocarbon group which may be substituted, or a saturated or unsaturated, bicyclic or tricyclic fused heterocyclic group which may be substituted;

Q^2 represents a single bond, a saturated or unsaturated, 5- or 6-membered divalent cyclic hydrocarbon group which may be substituted, a saturated or unsaturated, 5- to 7-membered divalent heterocyclic group which may be substituted, a saturated or unsaturated, divalent bicyclic or tricyclic fused hydrocarbon group which may be substituted, or a saturated or unsaturated, divalent bicyclic or tricyclic fused heterocyclic group which may be substituted;

Q^3 represents the following group:



in which Q^5 means a group $-(CH_2)_m-CH_2-A-CH_2-(CH_2)_n-$, in which m and n are independently of each other 0 or an integer of 1-3, and A means an oxygen atom, nitrogen

atom, sulfur atom, -SO-, -SO₂-, -NH-, -O-NH-, -NH-NH-,
 -S-NH-, -SO-NH- or -SO₂-NH-, and R³ and R⁴ are
 substituents on carbon atom(s), nitrogen atom(s) or a
 sulfur atom(s) of a ring comprising Q⁵ and are
 5 independently of each other a hydrogen atom, hydroxyl
 group, alkyl group, alkenyl group, alkynyl group,
 halogen atom, halogenoalkyl group, cyano group,
 cyanoalkyl group, amino group, aminoalkyl group, N-
 alkylaminoalkyl group, N,N-dialkylaminoalkyl group, acyl
 10 group, acylalkyl group, acylamino group which may be
 substituted, alkoxyimino group, hydroxyimino group,
 acylaminoalkyl group, alkoxy group, alkoxyalkyl group,
 hydroxyalkyl group, carboxyl group, carboxyalkyl group,
 alkoxycarbonyl group, alkoxycarbonylalkyl group,
 15 alkoxycarbonylalkylamino group, carboxyalkylamino group,
 alkoxycarbonylamino group, alkoxycarbonylaminoalkyl
 group, carbamoyl group, N-alkylcarbamoyl group which may
 have a substituent on the alkyl group, N,N-
 dialkylcarbamoyl group which may have a substituent on
 20 the alkyl group(s), N-alkenylcarbamoyl group, N-
 alkenylcarbamoylalkyl group, N-alkenyl-N-alkylcarbamoyl
 group, N-alkenyl-N-alkylcarbamoylalkyl group, N-
 alkoxycarbamoyl group, N-alkyl-N-alkoxycarbamoyl group,
 N-alkoxycarbamoylalkyl group, N-alkyl-N-
 25 alkoxycarbamoylalkyl group, carbazoyl group which may be
 substituted by 1 to 3 alkyl groups, alkylsulfonyl group,
 alkylsulfonylalkyl group, 3- to 6-membered heterocyclic

carbonyl group which may be substituted, carbamoylalkyl group, N-alkylcarbamoylalkyl group which may have a substituent on the alkyl group(s), N,N-dialkylcarbamoylalkyl group which may have a substituent on the alkyl group(s), carbamoyloxyalkyl group, N-alkylcarbamoyloxyalkyl group, N,N-dialkylcarbamoyloxyalkyl group, 3- to 6-membered heterocyclic carbonylalkyl group which may be substituted, 3- to 6-membered heterocyclic carbonyloxyalkyl group which may be substituted, aryl group, aralkyl group, heteroaryl group, heteroarylalkyl group, alkylsulfonylamino group, arylsulfonylamino group, alkylsulfonylaminoalkyl group, arylsulfonylaminoalkyl group, alkylsulfonylaminocarbonyl group, arylsulfonylaminocarbonyl group, alkylsulfonylaminocarbonylalkyl group, arylsulfonylaminocarbonylalkyl group, oxo group, carbamoyloxy group, aralkyloxy group, carboxyalkyloxy group, acyloxy group, acyloxyalkyl group, arylsulfonyl group, alkoxycarbonylalkylsulfonyl group, carboxyalkylsulfonyl group, alkoxycarbonylacyl group, alkoxyalckyloxy carbonyl group, hydroxyacyl group, alkoxylacyl group, halogenoacyl group, carboxylacyl group, aminoacyl group, acylloxyacyl group, acylloxyalkylsulfonyl group, hydroxyalkylsulfonyl group, alkoxylalkylsulfonyl group, 3- to 6-membered heterocyclic sulfonyl group which may be substituted, N-alkylaminoacyl group, N,N-dialkylaminoacyl group, N,N-dialkylcarbamoylacyl group

which may have a substituent on the alkyl group(s), N,N-dialkylcarbamoylethylsulfonyl group which may have a substituent on the alkyl group(s), alkylsulfonyl group, aminocarbothioyl group, N-alkylaminocarbothioyl group, N,N-dialkylaminocarbothioyl group or alkoxyalkyl(thiocarbonyl) group, or R³ and R⁴, together with each other, denote an alkylene group having 1 to 5 carbon atoms, alkenylene group having 2 to 5 carbon atoms, alkylendioxy group having 1 to 5 carbon atoms or carbonyldioxy group;

Q⁴ represents an aryl group which may be substituted, an arylalkenyl group which may be substituted, an arylalkynyl group which may be substituted, a heteroaryl group which may be substituted, a heteroarylalkenyl group which may be substituted, a saturated or unsaturated, bicyclic or tricyclic fused hydrocarbon group which may be substituted, or a saturated or unsaturated, bicyclic or tricyclic fused heterocyclic group which may be substituted;

T⁰ represents a carbonyl or thiocarbonyl group; and

T¹ represents a carbonyl group, sulfonyl group or thiocarbonyl group;

a salt thereof, a solvate thereof, or an N-oxide thereof.

18. The compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to Claim 17, wherein the group Q¹ is a saturated or unsaturated, bicyclic or tricyclic fused hydrocarbon group which may

be substituted, or a saturated or unsaturated, bicyclic or tricyclic fused heterocyclic group which may be substituted, and Q^2 is a single bond.

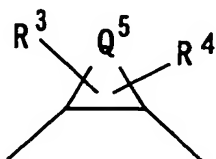
19. The compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to Claim 17 or 18, wherein the group Q^1 is a thienopyridyl group which may be substituted, tetrahydrothienopyridyl group which may be substituted, thiazolopyridyl group which may be substituted, tetrahydrothiazolopyridyl group which may be substituted, thiazolopyridazinyl group which may be substituted, tetrahydrothiazolopyridazinyl group which may be substituted, pyranothiazolyl group which may be substituted, dihydropyranothiazolyl group which may be substituted, furopyridyl group which may be substituted, tetrahydrofuropyridyl group which may be substituted, oxazolopyridyl group which may be substituted, tetrahydrooxazolopyridyl group which may be substituted, pyrrolopyridyl group which may be substituted, dihydropyrrolopyridyl group which may be substituted, tetrahydropyrrolopyridyl group which may be substituted, pyrrolopyrimidinyl group which may be substituted, dihydropyrrolopyrimidinyl group which may be substituted, oxazolopyridazinyl group which may be substituted, tetrahydrooxazolopyridazinyl group which may be substituted, pyrrolothiazolyl group which may be substituted, dihydropyrrolothiazolyl group which may be substituted, pyrrolooxazolyl group which may be

substituted, dihydropyrrolooxazolyl group which may be substituted, benzothiazolyl group which may be substituted, tetrahydrobenzothiazolyl group which may be substituted, thiazolopyrimidinyl group which may be substituted, dihydrothiazolopyrimidinyl group which may be substituted, benzoazepinyl group which may be substituted, tetrahydrobenzoazepinyl group which may be substituted, thiazoloazepinyl group which may be substituted, tetrahydrothiazoloazepinyl group which may be substituted, thienoazepinyl group which may be substituted, tetrahydrothienoazepinyl group which may be substituted, 4,5,6,7-tetrahydro-5,6-tetramethylenethiazolopyridazinyl group which may be substituted, or 5,6-trimethylene-4,5,6,7-tetrahydro-thiazolopyridazinyl group which may be substituted.

20. The compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to any one of claims 17 to 19, wherein the substituent(s) on the group Q¹ are 1 to 3 substituent(s) selected from a hydroxyl group, halogen atoms, halogenoalkyl groups, an amino group, a cyano group, an amidino group, a hydroxyamidino group, C₁-C₆ alkyl groups, C₃-C₆ cycloalkyl-C₁-C₆ alkyl groups, hydroxy-C₁-C₆ alkyl groups, C₁-C₆ alkoxy groups, C₁-C₆ alkoxy C₁-C₆ alkyl groups, a carboxyl group; C₂-C₆ carboxyalkyl groups, C₂-C₆ alkoxycarbonyl-C₁-C₆ alkyl groups, amidino groups substituted by a C₂-C₆ alkoxycarbonyl group, C₂-C₆ alkenyl groups, C₂-C₆ alkynyl

groups, C₂-C₆ alkoxy carbonyl groups, amino C₁-C₆ alkyl groups, C₁-C₆ alkylamino-C₁-C₆ alkyl groups, di(C₁-C₆ alkyl)amino-C₁-C₆ alkyl groups, C₂-C₆ alkoxy carbonylamino-C₁-C₆ alkyl groups, C₁-C₆ alkanoyl groups, C₁-C₆ alkanoylamino-C₁-C₆ alkyl groups, C₁-C₆ alkylsulfonyl groups, C₁-C₆ alkylsulfonylamino-C₁-C₆ alkyl groups, a carbamoyl group, C₁-C₆ alkylcarbamoyl groups, N,N-di(C₁-C₆ alkyl)carbamoyl groups, C₁-C₆ alkylamino groups, di(C₁-C₆ alkyl)amino groups, 5- or 6-membered heterocyclic groups containing one of nitrogen, oxygen and sulfur or the same or different two atoms thereof, 5- or 6-membered heterocyclic group-C₁-C₄ alkyl group, and 5- or 6-membered heterocyclic group-amino-C₁-C₄ alkyl group.

21. The compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to any one of claims 17 to 20, wherein the group Q³ in the formula (1) is



wherein Q⁵ means a group $-(CH_2)_m-CH_2-A-CH_2-(CH_2)_n-$, in which m and n are independently of each other 0 or 1, and A has the same meaning as defined above, and R³ and R⁴ are independently of each other a hydrogen atom, hydroxyl group, alkyl group, alkenyl group, alkynyl group, halogen atom, halogenoalkyl group, amino group,

hydroxyimino group, alkoxyimino group, aminoalkyl group,
 N-alkylaminoalkyl group, N,N-dialkylaminoalkyl group,
 acyl group, acylalkyl group, acylamino group which may
 be substituted, acylaminoalkyl group, alkoxy group,
 5 alkoxyalkyl group, hydroxyalkyl group, carboxyl group,
 carboxyalkyl group, alkoxycarbonyl group,
 alkoxycarbonylalkyl group, alkoxycarbonylamino group,
 alkoxycarbonylaminoalkyl group, carbamoyl group, N-
 alkylcarbamoyl group which may have a substituent on the
 10 alkyl group(s), N,N-dialkylcarbamoyl group which may
 have a substituent on the alkyl group, N-
 alkenylcarbamoyl group, N-alkenylcarbamoylalkyl group,
 N-alkenyl-N-alkylcarbamoyl group, N-alkenyl-N-
 alkylcarbamoylalkyl group, N-alkoxycarbamoyl group, N-
 15 alkyl-N-alkoxycarbamoyl group, N-alkoxycarbamoylalkyl
 group, N-alkyl-N-alkoxycarbamoylalkyl group, carbazoyl
 group which may be substituted by 1 to 3 alkyl groups,
 alkylsulfonyl group, alkylsulfonylalkyl group, 3- to 6-
 membered heterocyclic carbonyl group which may be
 20 substituted, 3- to 6-membered heterocyclic
 carbonyloxyalkyl group which may be substituted,
 carbamoylalkyl group, carbamoyloxyalkyl group, N-
 alkylcarbamoyloxyalkyl group, N,N-
 dialkylcarbamoyloxyalkyl group, N-alkylcarbamoylalkyl
 25 group which may have a substituent on the alkyl group(s),
 N,N-dialkylcarbamoylalkyl group which may have a
 substituent on the alkyl group(s), alkylsulfonylamino

group, alkylsulfonylaminoalkyl group, oxo group, acyloxy group, acyloxyalkyl group, arylsulfonyl group, alkoxy-carbonylalkylsulfonyl group, carboxyalkylsulfonyl group, alkoxy-carbonylacyl group, carboxyacyl group, 5 alkoxyalkyloxycarbonyl group, halogenoacyl group, N,N-dialkylaminoacyl group, acyloxyacyl group, hydroxyacyl group, alkoxyacyl group, alkoxyalkylsulfonyl group, N,N-dialkylcarbamoylacyl group, N,N-dialkylcarbamoylalkylsulfonyl group, alkylsulfonylacyl 10 group, aminocarbothioyl group, N-alkylaminocarbothioyl group, N,N-dialkylaminocarbothioyl group or alkoxyalkyl(thiocarbonyl) group.

22. The compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to any one of 15 claims 17 to 21, wherein the group Q^4 in the formula (1) is a group selected from the group consisting of a naphthyl group which may be substituted, an anthryl group which may be substituted, a phenanthryl group which may be substituted, a styryl group which may be 20 substituted, a phenylethynyl group which may be substituted, a thienylethenyl group which may be substituted, a pyridylethenyl group which may be substituted, an indenyl group which may be substituted, an indanyl group which may be substituted, a 25 tetrahydronaphthyl group which may be substituted, a benzofuryl group which may be substituted, an isobenzofuryl group which may be substituted, a

benzothienyl group which may be substituted, an indolyl
 group which may be substituted, an indolinyl group which
 may be substituted, an isoindolyl group which may be
 substituted, an isoindolinyl group which may be
 5 substituted, an indazolyl group which may be substituted,
 a quinolyl group which may be substituted, a
 dihydroquinolyl group which may be substituted, a 4-oxo-
 dihydroquinolyl group (dihydroquinolin-4-on) which may
 be substituted, a tetrahydroquinolyl group which may be
 10 substituted, an isoquinolyl group which may be
 substituted, a tetrahydroisoquinolyl group which may be
 substituted, a chromenyl group which may be substituted,
 a chromanyl group which may be substituted, an
 isochromanyl group which may be substituted, a 4H-4-
 15 oxobenzopyranyl group which may be substituted, a 3,4-
 dihydro-4H-4-oxobenzopyranyl group which may be
 substituted, a 4H-quinolizinyll group which may be
 substituted, a quinazolinyl group which may be
 substituted, a dihydroquinazolinyl group which may be
 20 substituted, a tetrahydroquinazolinyl group which may be
 substituted, a quinoxalinyll group which may be
 substituted, a tetrahydroquinoxalinyll group which may be
 substituted, a cinnolinyll group which may be substituted,
 a tetrahydrocinnolinyll group which may be substituted,
 25 an indolizinyll group which may be substituted, a
 tetrahydroindolizinyll group which may be substituted, a
 benzothiazolyl group which may be substituted, a

tetrahydrobenzothiazolyl group which may be substituted,
a benzoxazolyl group which may be substituted, a
benzoisothiazolyl group which may be substituted, a
benzoisoxazolyl group which may be substituted, a
5 benzimidazolyl group which may be substituted, a
naphthyridinyl group which may be substituted, a
tetrahydronaphthyridinyl group which may be substituted,
a thienopyridyl group which may be substituted, a
tetrahydrothienopyridyl group which may be substituted,
10 a thiazolopyridyl group which may be substituted, a
tetrahydrothiazolopyridyl group which may be substituted,
a thiazolopyridazinyl group which may be substituted, a
tetrahydrothiazolopyridazinyl group which may be
substituted, a pyrrolopyridyl group which may be
15 substituted, a dihydropyrrolopyridyl group which may be
substituted, a tetrahydropyrrolopyridyl group which may
be substituted, a pyrrolopyrimidinyl group which may be
substituted, a dihydropyrrolopyrimidinyl group which may
be substituted, a pyridoquinazolinyl group which may be
20 substituted, a dihydropyridoquinazolinyl group which may
be substituted, a pyridopyrimidinyl group which may be
substituted, a tetrahydropyridopyrimidinyl group which
may be substituted, a pyranothiazolyl group which may be
substituted, a dihydropyranothiazolyl group which may be
25 substituted, a furopyridyl group which may be
substituted, a tetrahydrofuropyridyl group which may be
substituted, an oxazolopyridyl group which may be

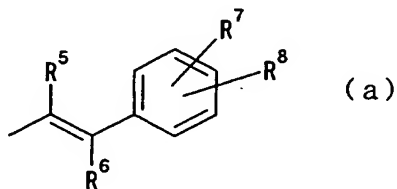
substituted, a tetrahydrooxazolopyridyl group which may
be substituted, an oxazolopyridazinyl group which may be
substituted, a tetrahydrooxazolopyridazinyl group which
may be substituted, a pyrrolothiazolyl group which may
5 be substituted, a dihydropyrrolothiazolyl group which
may be substituted, a pyrrolooxazolyl group which may be
substituted, a dihydropyrrolooxazolyl group which may be
substituted, a thienopyrrolyl group which may be
substituted, a thiazolopyrimidinyl group which may be
10 substituted, a 4-oxo-tetrahydrocinnolinyl group which
may be substituted, a 1,2,4-benzothiadiazinyl group
which may be substituted, a 1,1-dioxy-2H-1,2,4-
benzothiadiazinyl group which may be substituted, a
1,2,4-benzoxadiazinyl group which may be substituted, a
15 cyclopentapyranyl group which may be substituted, a
thienofuranyl group which may be substituted, a
furopyranyl group which may be substituted, a
pyridoxazinyl group which may be substituted, a
pyrazoloxazolyl group which may be substituted, an
20 imidazothiazolyl group which may be substituted, an
imidazopyridyl group which may be substituted, a
tetrahydroimidazopyridyl group which may be substituted,
a pyrazinopyridazinyl group which may be substituted, a
benzoisoquinolyl group which may be substituted, a
25 furocinnolyl group which may be substituted, a
pyrazolothiazolopyridazinyl group which may be
substituted, a tetrahydropyrazolothiazolopyridazinyl

- group which may be substituted, a
hexahydrothiazolopyridazinopyridazinyl group which may
be substituted, an imidazotriazinyl group which may be
substituted, an oxazolopyridyl group which may be
5 substituted, a benzoxepinyl group which may be
substituted, a benzoazepinyl group which may be
substituted, a tetrahydrobenzoazepinyl group which may
be substituted, a benzodiazepinyl group which may be
substituted, a benzotriazepinyl group which may be
10 substituted, a thienozepinyl group which may be
substituted, a tetrahydrothienozepinyl group which may
be substituted, a thienodiazepinyl group which may be
substituted, a thienotriazepinyl group which may be
substituted, a thiazoloazepinyl group which may be
15 substituted, a tetrahydrothiazoloazepinyl group which
may be substituted, a 4,5,6,7-tetrahydro-5,6-
tetramethylenethiazolopyridazinyl group which may be
substituted, and a 5,6-trimethylene-4,5,6,7-
tetrahydrothiazolopyridazinyl group which may be
20 substituted.

23. The compound, the salt thereof, the solvate
thereof, or the N-oxide thereof according to any one of
claims 17 to 21, wherein the substituent(s) on the group
Q⁴ are 1 to 3 substituents selected from a hydroxyl group,
25 halogen atoms, halogenoalkyl groups, an amino group, a
cyano group, aminoalkyl groups, a nitro group,
hydroxyalkyl groups, alkoxyalkyl groups, a carboxyl

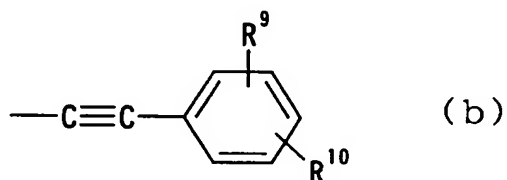
group, carboxyalkyl groups, alkoxycarbonylalkyl groups, acyl groups, an amidino group, a hydroxyamidino group, linear, branched or cyclic alkyl groups having 1 to 6 carbon atoms, linear, branched or cyclic alkoxy groups having 1 to 6 carbon atoms, amidino groups substituted by linear, branched or cyclic alkoxycarbonyl group having 2 to 7 carbon atoms, linear, branched or cyclic alkenyl groups having 2 to 6 carbon atoms, linear or branched alkynyl groups having 2 to 6 carbon atoms, linear, branched or cyclic alkoxycarbonyl groups having 2 to 6 carbon atoms, a carbamoyl group, mono- or di-alkylcarbamoyl groups substituted by a linear, branched or cyclic alkyl groups having 1 to 6 carbon atoms on the nitrogen atom(s), mono- or di-alkylamino groups substituted by linear, branched or cyclic alkyl groups having 1 to 6 carbon atoms, and 5- or 6-membered nitrogen-containing heterocyclic groups.

24. The compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to any one of claims 17 to 21, wherein the group Q^4 is

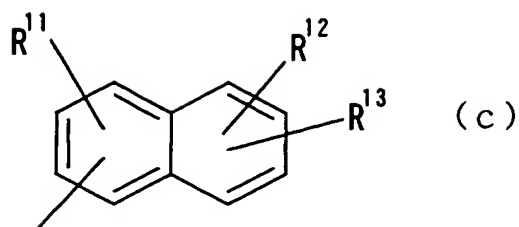


wherein R^5 and R^6 , independently of each other, represent a hydrogen atom, cyano group, halogen atom, alkyl group, hydroxyalkyl group, alkoxy group, alkoxyalkyl group,

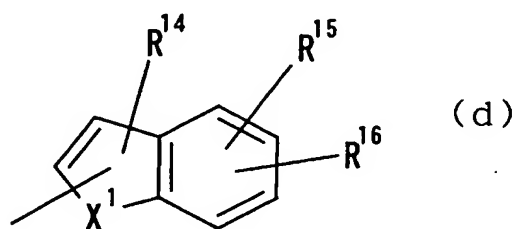
carboxyl group, carboxyalkyl group, acyl group,
 alkoxycarbonyl group, alkoxycarbonylalkyl group, or
 phenyl group which may be substituted by a cyano group,
 hydroxyl group, halogen atom, alkyl group or alkoxy
 5 group, and R^7 and R^8 , independently of each other,
 represent a hydrogen atom, hydroxyl group, nitro group,
 amino group, cyano group, halogen atom, alkyl group,
 alkenyl group, alkynyl group, halogenoalkyl group,
 hydroxyalkyl group, alkoxy group, alkoxyalkyl group,
 10 carboxyl group, carboxyalkyl group, acyl group,
 carbamoyl group, N-alkylcarbamoyl group, N,N-
 dialkylcarbamoyl group, alkoxycarbonyl group, amidino
 group or alkoxycarbonylalkyl group;



15 wherein R^9 and R^{10} , independently of each other,
 represent a hydrogen atom, hydroxyl group, nitro group,
 amino group, cyano group, halogen atom, alkyl group,
 alkenyl group, alkynyl group, halogenoalkyl group,
 hydroxyalkyl group, alkoxy group, alkoxyalkyl group,
 20 carboxyl group, carboxyalkyl group, acyl group,
 carbamoyl group, N-alkylcarbamoyl group, N,N-
 dialkylcarbamoyl group, alkoxycarbonyl group, amidino
 group or alkoxycarbonylalkyl group;

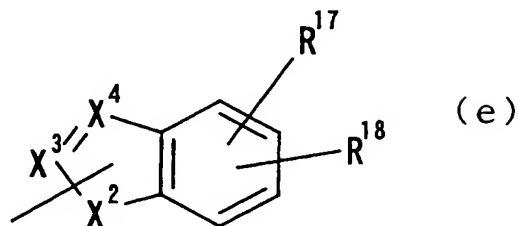


wherein R^{11} , R^{12} and R^{13} , independently of one another, represent a hydrogen atom, hydroxyl group, nitro group, amino group, cyano group, halogen atom, alkyl group, alkenyl group, alkynyl group, halogenoalkyl group, hydroxyalkyl group, alkoxy group, alkoxyalkyl group, carboxyl group, carboxyalkyl group, acyl group, carbamoyl group, N-alkylcarbamoyl group, N,N-dialkylcarbamoyl group, alkoxycarbonyl group, amidino group or alkoxycarbonylalkyl group;

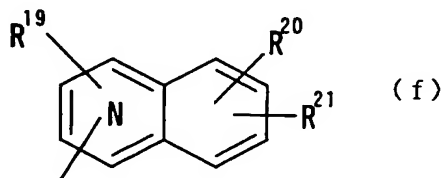


wherein X^1 represents CH_2 , CH , NH , NOH , N , O or S , and R^{14} , R^{15} and R^{16} , independently of one another, represent a hydrogen atom, hydroxyl group, nitro group, amino group, cyano group, halogen atom, alkyl group, alkenyl group, alkynyl group, halogenoalkyl group, hydroxyalkyl group, alkoxy group, alkoxyalkyl group, carboxyl group, carboxyalkyl group, acyl group, carbamoyl group, N-alkylcarbamoyl group, N,N-dialkylcarbamoyl group,

alkoxycarbonyl group, amidino group or
alkoxycarbonylalkyl group;

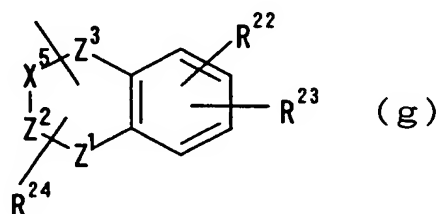


wherein X² represents NH, N, O or S, X³ represents N, C
5 or CH, X⁴ represents N, C or CH, and R¹⁷ and R¹⁸,
independently of each other, represent a hydrogen atom,
hydroxyl group, nitro group, amino group, cyano group,
halogen atom, alkyl group, alkenyl group, alkynyl group,
halogenoalkyl group, hydroxyalkyl group, alkoxy group,
10 alkoxyalkyl group, carboxyl group, carboxyalkyl group,
acyl group, carbamoyl group, N-alkylcarbamoyl group,
N,N-dialkylcarbamoyl group, alkoxycarbonyl group,
amidino group or alkoxycarbonylalkyl group, excluding
the cases where X³ and X⁴ are combinations of C and CH,
15 and are both C or CH;

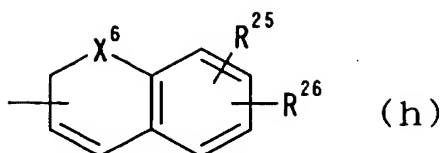


wherein N indicates that 1 or 2 carbon atoms of the ring
substituted by R¹⁹ have been substituted by a nitrogen
atom, and R¹⁹, R²⁰ and R²¹, independently of one another,
20 represent a hydrogen atom, hydroxyl group, nitro group,

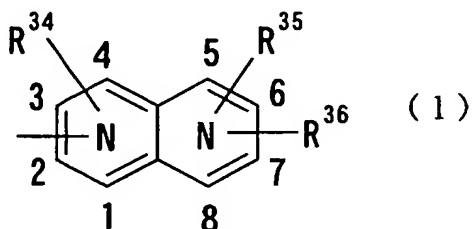
amino group, cyano group, halogen atom, alkyl group, alkenyl group, alkynyl group, halogenoalkyl group, hydroxyalkyl group, alkoxy group, alkoxyalkyl group, carboxyl group, carboxyalkyl group, acyl group, carbamoyl group, N-alkylcarbamoyl group, N,N-dialkylcarbamoyl group, alkoxycarbonyl group, amidino group or alkoxycarbonylalkyl group;



wherein X^5 represents CH_2 , CH , N or NH , Z^1 represents N , NH or O , Z^2 represents CH_2 , CH , C or N , Z^3 represents CH_2 , CH , S , SO_2 or $C=O$, X^5-Z^2 indicates that X^5 and Z^2 are bonded to each other by a single bond or double bond, R^{22} and R^{23} , independently of each other, represent a hydrogen atom, hydroxyl group, nitro group, amino group, cyano group, halogen atom, alkyl group, alkenyl group, alkynyl group, halogenoalkyl group, hydroxyalkyl group, alkoxy group, alkoxyalkyl group, carboxyl group, carboxyalkyl group, acyl group, carbamoyl group, N-alkylcarbamoyl group, N,N-dialkylcarbamoyl group, alkoxycarbonyl group, amidino group or alkoxycarbonylalkyl group, and R^{24} represents a hydrogen atom or alkyl group;



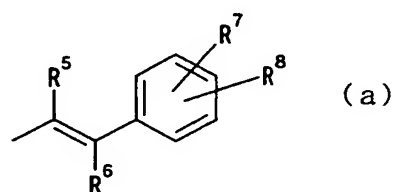
wherein X^6 represents O or S, and R^{25} and R^{26} ,
independently of each other, represent a hydrogen atom,
hydroxyl group, nitro group, amino group, cyano group,
5 halogen atom, alkyl group, alkenyl group, alkynyl group,
halogenoalkyl group, hydroxyalkyl group, alkoxy group,
alkoxyalkyl group, carboxyl group, carboxyalkyl group,
acyl group, carbamoyl group, N-alkylcarbamoyl group,
N,N-dialkylcarbamoyl group, alkoxycarbonyl group,
10 amidino group or alkoxycarbonylalkyl group; or



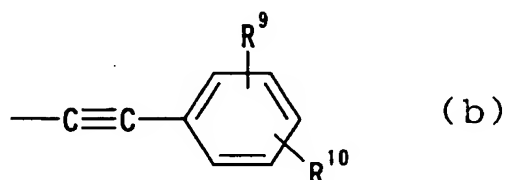
wherein numerals 1 to 8 indicate positions, each N
indicates that any one of carbon atoms of positions 1 to
4 and any one of carbon atoms of positions 5 to 8 has
15 been substituted by a nitrogen atom, and R^{34} , R^{35} and R^{36} ,
independently of one another, represent a hydrogen atom,
hydroxyl group, nitro group, amino group, cyano group,
halogen atom, alkyl group, alkenyl group, alkynyl group,
halogenoalkyl group, hydroxyalkyl group, alkoxy group,
20 alkoxyalkyl group, carboxyl group, carboxyalkyl group,

acyl group, carbamoyl group, N-alkylcarbamoyl group,
N,N-dialkylcarbamoyl group, alkoxycarbonyl group,
amidino group or alkoxycarbonylalkyl group.

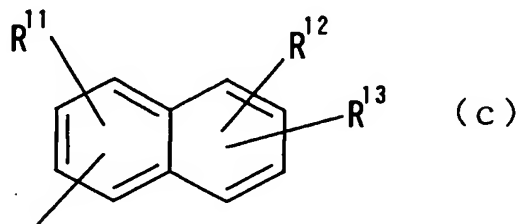
25. The compound, the salt thereof, the solvate
5 thereof, or the N-oxide thereof according to any one of
claims 17 to 21, wherein the group Q^4 represents any of
the following groups:



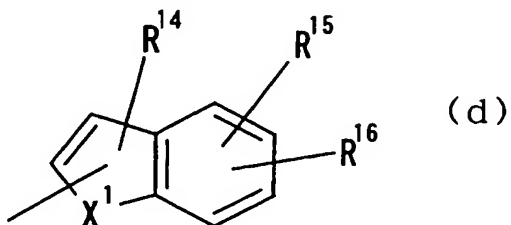
wherein R^5 and R^6 , independently of each other, represent
10 a hydrogen atom or alkyl group, R^7 represents a hydrogen
atom, and R^8 represents a hydrogen atom, halogen atom,
alkyl group or alkynyl group;



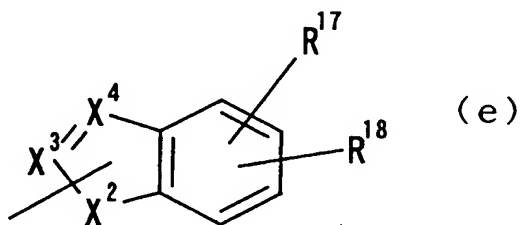
wherein R^9 represents a hydrogen atom, and R^{10} represents
15 a hydrogen atom, halogen atom, alkyl group or alkynyl
group;



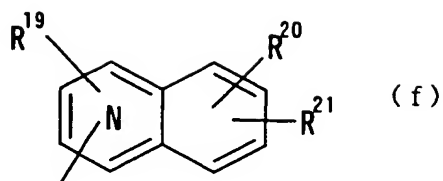
wherein R^{11} and R^{12} both represent hydrogen atoms, and R^{13} represents a hydrogen atom, halogen atom, alkyl group or alkynyl group;



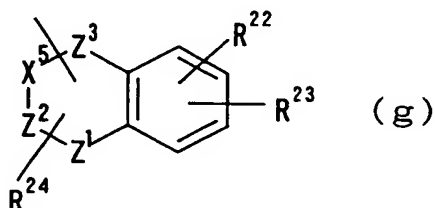
5 wherein X^1 represents NH, NOH, N, O or S, R^{14} represents a hydrogen atom, halogen atom, acyl group, N-alkylcarbamoyl group, N,N-dialkylcarbamoyl group or alkyl group, R^{15} represents a hydrogen atom or halogen atom, and R^{16} represents a hydrogen atom, halogen atom,
 10 alkyl group or alkynyl group;



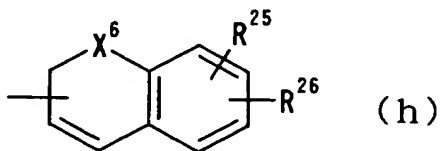
wherein X^2 represents NH, O or S, X^3 represents N, C or CH, X^4 represents N, C or CH, R^{17} represents a hydrogen atom, and R^{18} represents a hydrogen atom, halogen atom,
 15 alkyl group or alkynyl group, excluding the cases where X^3 and X^4 are combinations of C and CH, and are both C or CH;



wherein N indicates that 1 or 2 carbon atoms of the ring substituted by R^{19} have been substituted by a nitrogen atom, R^{19} and R^{20} both represent hydrogen atoms, and R^{21} represents a hydrogen atom, cyano group, halogen atom, alkyl group, alkenyl group, alkynyl group or halogenoalkyl group;

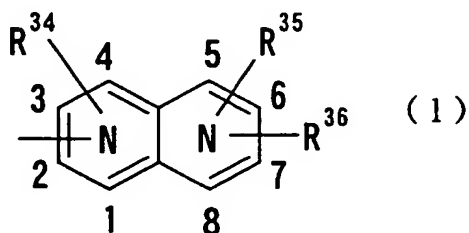


wherein X^5 represents CH_2 , CH , N or NH , Z^1 represents N , NH or O , Z^2 represents CH_2 , CH , C or N , Z^3 represents CH_2 , CH , S , SO_2 or $C=O$, X^5-Z^2 indicates that X^5 and Z^2 are bonded to each other by a single bond or double bond, R^{22} represents a hydrogen atom, R^{23} represents a hydrogen atom, halogen atom, alkyl group or alkynyl group, and R^{24} represents a hydrogen atom;



wherein X^6 represents O , R^{25} represents a hydrogen atom,

and R²⁶ represents a hydrogen atom, halogen atom, alkyl group or alkynyl group; or



wherein numerals 1 to 8 indicate positions, each N indicates that any one of carbon atoms of positions 1 to 4 and any one of carbon atoms of positions 5 to 8 has been substituted by a nitrogen atom, R³⁴ represents a hydrogen atom or halogen atom, R³⁵ represents a hydrogen atom or halogen atom, and R³⁶ represents a hydrogen atom, halogen atom, alkyl group or alkynyl group.

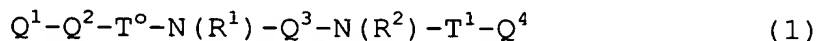
26. The compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to any one of claims 17 to 21, wherein the group Q⁴ is a 4-chlorostyryl, 4-fluorostyryl, 4-bromostyryl, 4-ethynylstyryl, 4-chlorophenylethynyl, 4-fluorophenylethynyl, 4-bromophenylethynyl, 4-ethynylphenylethynyl, 6-chloro-2-naphthyl, 6-fluoro-2-naphthyl, 6-bromo-2-naphthyl, 6-ethynyl-2-naphthyl, 7-chloro-2-naphthyl, 7-fluoro-2-naphthyl, 7-bromo-2-naphthyl, 7-ethynyl-2-naphthyl, 5-chloroindol-2-yl, 5-fluoroindol-2-yl, 5-bromoindol-2-yl, 5-ethynylindol-2-yl, 5-methylindol-2-yl, 5-chloro-4-fluoroindol-2-yl, 5-chloro-3-fluoroindol-2-yl, 3-bromo-5-chloroindol-2-yl, 3-chloro-5-fluoroindol-2-yl, 3-

bromo-5-fluoroindol-2-yl, 5-bromo-3-chloroindol-2-yl, 5-
 bromo-3-fluoroindol-2-yl, 5-chloro-3-formylindol-2-yl,
 5-fluoro-3-formylindol-2-yl, 5-bromo-3-formylindol-2-yl,
 5-ethynyl-3-formylindol-2-yl, 5-chloro-3-(N,N-
 5 dimethylcarbamoyl)indol-2-yl, 5-fluoro-3-(N,N-
 dimethylcarbamoyl)indol-2-yl, 5-bromo-3-(N,N-
 dimethylcarbamoyl)indol-2-yl, 5-ethynyl-3-(N,N-
 dimethylcarbamoyl)indol-2-yl, 6-chloroindol-2-yl, 6-
 fluoroindol-2-yl, 6-bromoindol-2-yl, 6-ethynylindol-2-yl,
 10 6-methylindol-2-yl, 5-chlorobenzothiophen-2-yl, 5-
 fluorobenzothiophen-2-yl, 5-bromobenzothiophen-2-yl, 5-
 ethynylbenzothiophen-2-yl, 5-methylbenzothiophen-2-yl,
 5-chloro-4-fluorobenzothiophen-2-yl, 6-chloro-
 benzothiophen-2-yl, 6-fluorobenzothiophen-2-yl, 6-
 15 bromobenzothiophen-2-yl, 6-ethynylbenzothiophen-2-yl, 6-
 methylbenzothiophen-2-yl, 5-chlorobenzofuran-2-yl, 5-
 fluorobenzofuran-2-yl, 5-bromobenzofuran-2-yl, 5-
 ethynylbenzofuran-2-yl, 5-methylbenzofuran-2-yl, 5-
 chloro-4-fluorobenzofuran-2-yl, 6-chlorobenzofuran-2-yl,
 20 6-fluorobenzofuran-2-yl, 6-bromobenzofuran-2-yl, 6-
 ethynylbenzofuran-2-yl, 6-methylbenzofuran-2-yl, 5-
 chlorobenzimidazol-2-yl, 5-fluorobenzimidazol-2-yl, 5-
 bromobenzimidazol-2-yl, 5-ethynylbenzimidazol-2-yl, 6-
 chloroquinolin-2-yl, 6-fluoroquinolin-2-yl, 6-
 25 bromoquinolin-2-yl, 6-ethynylquinolin-2-yl, 7-
 chloroquinolin-3-yl, 7-fluoroquinolin-3-yl, 7-
 bromoquinolin-3-yl, 7-ethynylquinolin-3-yl, 7-

chloroisoquinolin-3-yl, 7-fluoroisoquinolin-3-yl, 7-bromoisoquinolin-3-yl, 7-ethynylisoquinolin-3-yl, 7-chlorocinnolin-3-yl, 7-fluorocinnolin-3-yl, 7-bromocinnolin-3-yl, 7-ethynylcinnolin-3-yl, 7-chloro-2H-chromen-3-yl, 7-fluoro-2H-chromen-3-yl, 7-bromo-2H-chromen-3-yl, 7-ethynyl-2H-chromen-3-yl, 6-chloro-4-oxo-1,4-dihydroquinolin-2-yl, 6-fluoro-4-oxo-1,4-dihydroquinolin-2-yl, 6-bromo-4-oxo-1,4-dihydroquinolin-2-yl, 6-ethynyl-4-oxo-1,4-dihydroquinolin-2-yl, 6-chloro-4-oxo-1,4-dihydroquinazolin-2-yl, 6-fluoro-4-oxo-1,4-dihydroquinazolin-2-yl, 6-bromo-4-oxo-1,4-dihydroquinazolin-2-yl, 6-ethynyl-4-oxo-1,4-dihydroquinazolin-2-yl, 2-chlorothieno[2,3-b]pyrrol-5-yl, 2-fluorothieno[2,3-b]pyrrol-5-yl, 2-bromothieno[2,3-b]pyrrol-5-yl or 2-ethynylthieno[2,3-b]pyrrol-5-yl group.

27. The compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to any one of claims 17 to 26, wherein T¹ is a carbonyl group.

28. The compound according to Claim 1, which is represented by the general formula (1):



wherein

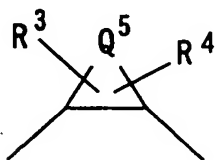
R¹ and R², independently of each other, represent a hydrogen atom, hydroxyl group, alkyl group or alkoxy group;

Q¹ represents a saturated or unsaturated, 5- or 6-membered cyclic hydrocarbon group which may be

substituted, a saturated or unsaturated, 5- to 7-
 membered heterocyclic group which may be substituted, a
 saturated or unsaturated, bicyclic or tricyclic fused
 hydrocarbon group which may be substituted, or a
 5 saturated or unsaturated, bicyclic or tricyclic fused
 heterocyclic group which may be substituted;

Q^2 represents a single bond, a saturated or
 unsaturated, 5- or 6-membered divalent cyclic
 hydrocarbon group which may be substituted, a saturated
 10 or unsaturated, 5- to 7-membered divalent heterocyclic
 group which may be substituted, a saturated or
 unsaturated, divalent bicyclic or tricyclic fused
 hydrocarbon group which may be substituted, or a
 saturated or unsaturated, divalent bicyclic or tricyclic
 15 fused heterocyclic group which may be substituted;

Q^3 represents the following group:



in which Q^5 means an alkylene group having 1 to 8 carbon
 atoms, an alkenylene group having 2 to 8 carbon atoms or
 20 a group $-(CH_2)_m-CH_2-A-CH_2-(CH_2)_n-$, in which m and n are
 independently of each other 0 or an integer of 1-3, and
 A means an oxygen atom, nitrogen atom, sulfur atom, $-SO-$,
 $-SO_2-$, $-NH-$, $-O-NH-$, $-NH-NH-$, $-S-NH-$, $-SO-NH-$ or $-SO_2-NH-$,
 and R^3 and R^4 are substituents on carbon atom(s) of a

ring comprising Q⁵ and are independently of each other a hydrogen atom, hydroxyl group, alkyl group, alkenyl group, alkynyl group, halogen atom, halogenoalkyl group, cyano group, cyanoalkyl group, amino group, aminoalkyl group, N-alkylaminoalkyl group, N,N-dialkylaminoalkyl group, acyl group, acylalkyl group, acylamino group which may be substituted, alkoxyimino group, hydroxyimino group, acylaminoalkyl group, alkoxy group, alkoxyalkyl group, hydroxyalkyl group, carboxyl group, carboxyalkyl group, alkoxycarbonyl group, alkoxycarbonylalkyl group, alkoxycarbonylamino group, carboxyalkylamino group, alkoxycarbonylamino group, alkoxycarbonylaminoalkyl group, carbamoyl group, N-alkylcarbamoyl group which may have a substituent on the alkyl group, N,N-dialkylcarbamoyl group which may have a substituent on the alkyl group(s), N-alkenylcarbamoyl group, N-alkenylcarbamoylalkyl group, N-alkenyl-N-alkylcarbamoyl group, N-alkenyl-N-alkylcarbamoylalkyl group, N-alkoxycarbamoyl group, N-alkyl-N-alkoxycarbamoyl group, N-alkoxycarbamoylalkyl group, N-alkyl-N-alkoxycarbamoylalkyl group, carbazoyl group which may be substituted by 1 to 3 alkyl groups, alkylsulfonyl group, alkylsulfonylalkyl group, 3- to 6-membered heterocyclic carbonyl group which may be substituted, carbamoylalkyl group, N-alkylcarbamoylalkyl group which may have a substituent on the alkyl group(s), N,N-dialkylcarbamoylalkyl group which may have a

substituent on the alkyl group(s), carbamoyloxyalkyl
 group, N-alkylcarbamoyloxyalkyl group, N,N-
 dialkylcarbamoyloxyalkyl group, 3- to 6-membered
 heterocyclic carbonylalkyl group which may be
 5 substituted, 3- to 6-membered heterocyclic
 carbonyloxyalkyl group which may be substituted, aryl
 group, aralkyl group, heteroaryl group, heteroarylalkyl
 group, alkylsulfonylamino group, arylsulfonylamino group,
 alkylsulfonylaminoalkyl group, arylsulfonylaminoalkyl
 10 group, alkylsulfonylaminocarbonyl group,
 arylsulfonylaminocarbonyl group, alkylsulfonyl-
 aminocarbonylalkyl group, arylsulfonylaminocarbonylalkyl
 group, oxo group, carbamoyloxy group, aralkyloxy group,
 carboxyalkyloxy group, acyloxy group, acyloxyalkyl group,
 15 arylsulfonyl group, alkoxycarbonylalkylsulfonyl group,
 carboxyalkylsulfonyl group, alkoxycarbonylacyl group,
 alkoxyalckyloxy carbonyl group, hydroxyacyl group,
 alkoxacyl group, halogenoacyl group, carboxyacyl group,
 aminoacyl group, acyloxyacyl group, acyloxyalkylsulfonyl
 20 group, hydroxyalkylsulfonyl group, alkoxyalckylsulfonyl
 group, 3- to 6-membered heterocyclic sulfonyl group
 which may be substituted, N-alkylaminoacyl group, N,N-
 dialkylaminoacyl group, N,N-dialkylcarbamoylacyl group
 which may have a substituent on the alkyl group(s), N,N-
 25 dialkylcarbamoylalkylsulfonyl group which may have a
 substituent on the alkyl group(s), alkylsulfonylacyl
 group, aminocarbothioyl group, N-alkylaminocarbothioyl

group, N,N-dialkylaminocarbothioyl group or alkoxyalkyl(thiocarbonyl) group, or R^3 and R^4 , together with each other, denote an alkylene group having 1 to 5 carbon atoms, alkenylene group having 2 to 5 carbon atoms, alkylenedioxy group having 1 to 5 carbon atoms or carbonyldioxy group;

Q^4 represents an aryl group which may be substituted, an arylalkenyl group which may be substituted, an arylalkynyl group which may be substituted, a heteroaryl group which may be substituted, a heteroarylalkenyl group which may be substituted, a saturated or unsaturated, bicyclic or tricyclic fused hydrocarbon group which may be substituted, or a saturated or unsaturated, bicyclic or tricyclic fused heterocyclic group which may be substituted;

T^0 represents a carbonyl or thiocarbonyl group; and

T^1 represents group $-C(=O)-C(=O)-N(R')$ -, group $-C(=S)-C(=O)-N(R')$ -, group $-C(=O)-C(=S)-N(R')$ -, group $-C(=S)-C(=S)-N(R')$ -, in which R' means a hydrogen atom, hydroxyl group, alkyl group or alkoxy group, group $-C(=O)-A^1-N(R'')$ -, in which A^1 means an alkylene group having 1 to 5 carbon atoms, which may be substituted, and R'' means a hydrogen atom, hydroxyl group, alkyl group or alkoxy group, group $-C(=O)-NH$ -, group $-C(=S)-NH$ -, group $-C(=O)-NH-NH$ -, group $-C(=O)-A^2-C(=O)-$, in which A^2 means a single bond or alkylene group having 1 to 5 carbon atoms, group $-C(=O)-A^3-C(=O)-NH$ -, in which A^3

means an alkylene group having 1 to 5 carbon atoms,
group $-C(=O)-C(=NOR^a)-N(R^b)-$, group $-C(=S)-C(=NOR^a)-N(R^b)-$,
in which R^a means a hydrogen atom, alkyl group or
alkanoyl group, and R^b means a hydrogen atom, hydroxyl
5 group, alkyl group or alkoxy group, group $-C(=O)-N=N-$,
group $-C(=S)-N=N-$, group $-C(=NOR^c)-C(=O)-N(R^d)-$, in which
 R^c means a hydrogen atom, alkyl group, alkanoyl group,
aryl group or aralkyl group, and R^d means a hydrogen atom,
hydroxyl group, alkyl group or alkoxy group, group -
10 $C(=N-N(R^e)(R^f))-C(=O)-N(R^g)-$, in which R^e and R^f ,
independently of each other, mean a hydrogen atom, alkyl
group, alkanoyl or alkyl(thiocarbonyl) group, and R^g
means a hydrogen atom, hydroxyl group, alkyl group or
alkoxy group, or thiocarbonyl group,
15 a salt thereof, a solvate thereof, or an N-oxide thereof.

29. The compound, the salt thereof, the solvate
thereof, or the N-oxide thereof according to Claim 28,
wherein the group Q^1 is a saturated or unsaturated,
bicyclic or tricyclic fused hydrocarbon group which may
20 be substituted, or a saturated or unsaturated, bicyclic
or tricyclic fused heterocyclic group which may be
substituted, and Q^2 is a single bond.

30. The compound, the salt thereof, the solvate
thereof, or the N-oxide thereof according to Claim 28 or
25 29, wherein the group Q^1 is a thienopyridyl group which
may be substituted, tetrahydrothienopyridyl group which
may be substituted, thiazolopyridyl group which may be

substituted, tetrahydrothiazolopyridyl group which may
be substituted, thiazolopyridazinyl group which may be
substituted, tetrahydrothiazolopyridazinyl group which
may be substituted, pyranothiazolyl group which may be
5 substituted, dihydropyranothiazolyl group which may be
substituted, furopyridyl group which may be substituted,
tetrahydrofuropyridyl group which may be substituted,
oxazolopyridyl group which may be substituted,
tetrahydrooxazolopyridyl group which may be substituted,
10 pyrrolopyridyl group which may be substituted,
dihydropyrrolopyridyl group which may be substituted,
tetrahydropyrrolopyridyl group which may be substituted,
pyrrolopyrimidinyl group which may be substituted,
dihydropyrrolopyrimidinyl group which may be substituted,
15 oxazolopyridazinyl group which may be substituted,
tetrahydrooxazolopyridazinyl group which may be
substituted, pyrrolothiazolyl group which may be
substituted, dihydropyrrolothiazolyl group which may be
substituted, pyrrolooxazolyl group which may be
20 substituted, dihydropyrrolooxazolyl group which may be
substituted, benzothiazolyl group which may be
substituted, tetrahydrobenzothiazolyl group which may be
substituted, thiazolopyrimidinyl group which may be
substituted, dihydrothiazolopyrimidinyl group which may
25 be substituted, benzoazepinyl group which may be
substituted, tetrahydrobenzoazepinyl group which may be
substituted, thiazoloazepinyl group which may be

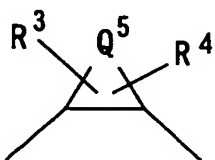
substituted, tetrahydrothiazoloazepinyl group which may be substituted, thienozepinyl group which may be substituted, tetrahydrothienozepinyl group which may be substituted, 4,5,6,7-tetrahydro-5,6-

- 5 tetramethylenethiazolopyridazinyl group which may be substituted, or 5,6-trimethylene-4,5,6,7-tetrahydro-thiazolopyridazinyl group which may be substituted.

31. The compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to any one of
- 10 claims 28 to 30, wherein the substituent(s) on the group Q^1 are 1 to 3 substituent(s) on the group Q^1 are 1 to 3 substituents selected from a hydroxyl group, halogen atoms, halogenoalkyl groups, an amino group, a cyano group, an amidino group, a hydroxyamidino group, C_1-C_6
- 15 alkyl groups, C_3-C_6 cycloalkyl- C_1-C_6 alkyl groups, hydroxy- C_1-C_6 alkyl groups, C_1-C_6 alkoxy groups, C_1-C_6 alkoxy- C_1-C_6 alkyl groups, a carboxyl group, C_2-C_6 carboxyalkyl groups, C_2-C_6 alkoxycarbonyl- C_1-C_6 alkyl groups, amidino groups substituted by a C_2-C_6
- 20 alkoxycarbonyl group, C_2-C_6 alkenyl groups, C_2-C_6 alkynyl groups, C_2-C_6 alkoxycarbonyl groups, amino C_1-C_6 alkyl groups, C_1-C_6 alkylamino- C_1-C_6 alkyl groups, di(C_1-C_6 alkyl)amino- C_1-C_6 alkyl groups, C_2-C_6 alkoxycarbonylamino- C_1-C_6 alkyl groups, C_1-C_6 alkanoyl groups, C_1-C_6
- 25 alkanoylamino- C_1-C_6 alkyl groups, C_1-C_6 alkylsulfonyl groups, C_1-C_6 alkylsulfonylamino- C_1-C_6 alkyl groups, a carbamoyl group, C_1-C_6 alkylcarbamoyl groups, N,N-di(C_1-C_6

alkyl)carbamoyl groups, C₁-C₆ alkylamino groups, di(C₁-C₆ alkyl)amino groups, 5- or 6-membered heterocyclic groups containing one of nitrogen, oxygen and sulfur or the same or different two atoms thereof, 5- or 6-membered
 5 heterocyclic group-C₁-C₄ alkyl group, and 5- or 6-membered heterocyclic group-amino-C₁-C₄ alkyl group.

32. The compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to any one of claims 28 to 31, wherein the group Q³ is



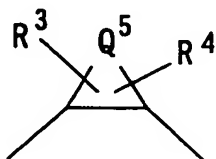
10

wherein Q⁵ means an alkylene group having 3 to 6 carbon atoms or a group -(CH₂)_m-CH₂-A-CH₂-(CH₂)_n-, in which m and n are independently of each other 0 or 1, and A has the same meaning as defined above, and R³ and R⁴ are
 15 independently of each other a hydrogen atom, hydroxyl group, alkyl group, alkenyl group, alkynyl group, halogen atom, halogenoalkyl group, amino group, hydroxyimino group, alkoxyimino group, aminoalkyl group, N-alkylaminoalkyl group, N,N-dialkylaminoalkyl group,
 20 acyl group, acylalkyl group, acylamino group which may be substituted, acylaminoalkyl group, alkoxy group, alkoxyalkyl group, hydroxyalkyl group, carboxyl group, carboxyalkyl group, alkoxycarbonyl group, alkoxycarbonylalkyl group, alkoxycarbonylamino group,

alkoxycarbonylaminoalkyl group, carbamoyl group, N-
 alkylcarbamoyl group which may have a substituent on the
 alkyl group, N,N-dialkylcarbamoyl group which may have a
 substituent on the alkyl group(s), N-alkenylcarbamoyl
 5 group, N-alkenylcarbamoylalkyl group, N-alkenyl-N-
 alkylcarbamoyl group, N-alkenyl-N-alkylcarbamoylalkyl
 group, N-alkoxycarbamoyl group, N-alkyl-N-
 alkoxycarbamoyl group, N-alkoxycarbamoylalkyl group, N-
 alkyl-N-alkoxycarbamoylalkyl group, carbazoyl group
 10 which may be substituted by 1 to 3 alkyl groups,
 alkylsulfonyl group, alkylsulfonylalkyl group, 3- to 6-
 membered heterocyclic carbonyl group which may be
 substituted, 3- to 6-membered heterocyclic
 carbonyloxyalkyl group which may be substituted,
 15 carbamoylalkyl group, carbamoyloxyalkyl group, N-
 alkylcarbamoyloxyalkyl group, N,N-
 dialkylcarbamoyloxyalkyl group, N-alkylcarbamoylalkyl
 group which may have a substituent on the alkyl group(s),
 N,N-dialkylcarbamoylalkyl group which may have a
 20 substituent on the alkyl group(s), alkylsulfonylamino
 group, alkylsulfonylaminoalkyl group, oxo group, acyloxy
 group, acyloxyalkyl group, arylsulfonyl group,
 alkoxycarbonylalkylsulfonyl group, carboxyalkylsulfonyl
 group, alkoxycarbonylacyl group, carboxyacyl group,
 25 alkoxyalxyloxycarbonyl group, halogenoacyl group, N,N-
 dialkylaminoacyl group, acyloxyacyl group, hydroxyacyl
 group, alkoxacyl group, alkoxyalxylsulfonyl group, N,N-

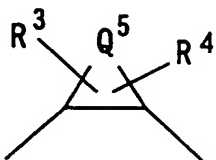
dialkylcarbamoylacyl group, N,N-dialkylcarbamoylalkylsulfonyl group, alkylsulfonylacyl group, aminocarbothioyl group, N-alkylaminocarbothioyl group, N,N-dialkylaminocarbothioyl group or
 5 alkoxyalkyl(thiocarbonyl) group.

33. The compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to any one of claims 28 to 31, wherein the group Q^3 is



10 wherein Q^5 means an alkylene group having 4 carbon atoms, R^3 is a hydrogen atom, and R^4 is an N,N-dialkylcarbamoyl group which may have a substituent on the alkyl group(s).

34. The compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to any one of
 15 claims 28 to 31, wherein the group Q^3 is



wherein Q^5 means an alkylene group having 4 carbon atoms, R^3 is a hydrogen atom, and R^4 is an N,N-dimethylcarbamoyl group.

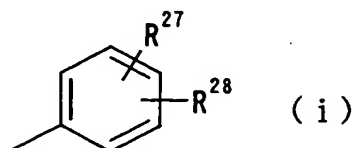
20 35. The compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to any one of

claims 28 to 34, wherein the group Q⁴ is a group selected from a phenyl group which may be substituted, a pyridyl group which may be substituted, a pyridazinyl group which may be substituted, a pyrazinyl group which may be substituted, a furyl group which may be substituted, a thienyl group which may be substituted, a pyrrolyl group which may be substituted, a thiazolyl group which may be substituted, an oxazolyl group which may be substituted, a pyrimidinyl group which may be substituted and a tetrazolyl group which may be substituted,

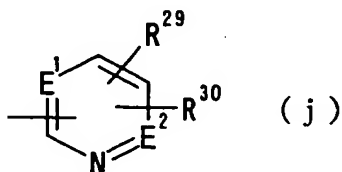
36. The compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to any one of claims 28 to 35, wherein the substituent(s) on the group Q⁴ are 1 to 3 substituents selected from a hydroxyl group, halogen atoms, halogenoalkyl groups, an amino group, a cyano group, aminoalkyl groups, a nitro group, hydroxyalkyl groups, alkoxyalkyl groups, a carboxyl group, carboxyalkyl groups, alkoxycarbonylalkyl groups, acyl groups, an amidino group, a hydroxyamidino group, linear, branched or cyclic alkyl groups having 1 to 6 carbon atoms, linear, branched or cyclic alkoxy groups having 1 to 6 carbon atoms, amidino groups substituted by a linear, branched or cyclic alkoxycarbonyl group having 2 to 7 carbon atoms, linear, branched or cyclic alkenyl groups having 2 to 6 carbon atoms, linear or branched alkynyl groups having 2 to 6 carbon atoms, linear, branched or cyclic alkoxycarbonyl groups having

2 to 6 carbon atoms, a carbamoyl group, mono- or di-alkylcarbamoyl groups substituted by a linear, branched or cyclic alkyl groups having 1 to 6 carbon atoms on the nitrogen atom(s), mono- or di-alkylamino groups substituted by linear, branched or cyclic alkyl groups having 1 to 6 carbon atoms, and 5- or 6-membered nitrogen-containing heterocyclic groups.

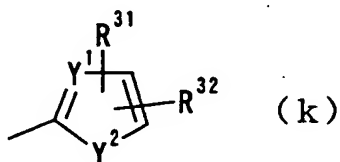
37. The compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to any one of claims 28 to 34, wherein the group Q^4 is



wherein R^{27} and R^{28} , independently of each other, represent a hydrogen atom, hydroxyl group, nitro group, amino group, cyano group, halogen atom, alkyl group, alkenyl group, alkynyl group, halogenoalkyl group, hydroxyalkyl group, alkoxy group, alkoxyalkyl group, carboxyl group, carboxyalkyl group, acyl group, carbamoyl group, N-alkylcarbamoyl group, N,N-dialkylcarbamoyl group, alkoxycarbonyl group, amidino group or alkoxycarbonylalkyl group;



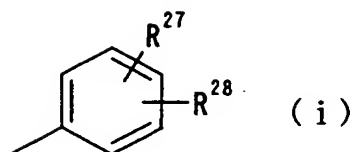
wherein E^1 and E^2 , independently of each other, represent N or CH, and R^{29} and R^{30} , independently of each other, represent a hydrogen atom, hydroxyl group, nitro group, amino group, cyano group, halogen atom, alkyl group, alkenyl group, alkynyl group, halogenoalkyl group, hydroxyalkyl group, alkoxy group, alkoxyalkyl group, carboxyl group, carboxyalkyl group, acyl group, carbamoyl group, N-alkylcarbamoyl group, N,N-dialkylcarbamoyl group, alkoxycarbonyl group, amidino group or alkoxycarbonylalkyl group; or



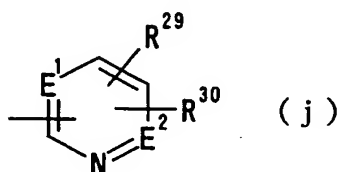
wherein Y^1 represents CH or N, Y^2 represents $-N(R^{33})-$, in which R^{33} means a hydrogen atom or alkyl group having 1 to 6 carbon atoms, O or S, and R^{31} and R^{32} , independently of each other, represent a hydrogen atom, hydroxyl group, nitro group, amino group, cyano group, halogen atom, alkyl group, alkenyl group, alkynyl group, halogenoalkyl group, hydroxyalkyl group, alkoxy group, alkoxyalkyl group, carboxyl group, carboxyalkyl group, acyl group, carbamoyl group, N-alkylcarbamoyl group, N,N-dialkylcarbamoyl group, alkoxycarbonyl group, amidino group or alkoxycarbonylalkyl group.

38. The compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to any one of

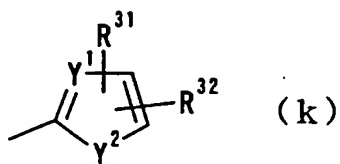
claims 28 to 34, wherein the group Q^4 is



wherein R^{27} is a hydrogen atom or halogen atom, and R^{28} is
 a hydrogen atom, halogen atom, alkyl group or alkynyl
 5 group;



wherein E^1 and E^2 , independently of each other, represent
 N or CH, R^{29} is a hydrogen atom or halogen atom, and R^{30}
 is a hydrogen atom, halogen atom, alkyl group or alkynyl
 10 group; or



wherein Y^1 is CH or N, Y^2 is $-N(R^{33})-$, in which R^{33} means
 a hydrogen atom or alkyl group having 1 to 6 carbon
 atoms, O or S, and R^{31} is a hydrogen atom or halogen atom
 15 and R^{32} is a hydrogen atom, halogen atom, alkyl group or
 alkynyl group.

39. The compound, the salt thereof, the solvate
 thereof, or the N-oxide thereof according to any one of

claims 28 to 34, wherein the group Q⁴ is a phenyl, 4-chlorophenyl, 4-fluorophenyl, 4-bromophenyl, 4-ethynylphenyl, 3-chlorophenyl, 3-fluorophenyl, 3-bromophenyl, 3-ethynylphenyl, 3-chloro-4-fluorophenyl, 4-chloro-3-fluorophenyl, 4-chloro-2-fluorophenyl, 2-chloro-4-fluorophenyl, 4-bromo-2-fluorophenyl, 2-bromo-4-fluorophenyl, 2,4-dichlorophenyl, 2,4-difluorophenyl, 2,4-dibromophenyl, 4-chloro-3-methylphenyl, 4-fluoro-3-methylphenyl, 4-bromo-3-methylphenyl, 4-chloro-2-methylphenyl, 4-fluoro-2-methylphenyl, 4-bromo-2-methylphenyl, 3,4-dichlorophenyl, 3,4-difluorophenyl, 3,4-dibromophenyl, 2-pyridyl, 3-pyridyl, 4-pyridyl, 4-chloro-2-pyridyl, 4-fluoro-2-pyridyl, 4-bromo-2-pyridyl, 4-ethynyl-2-pyridyl, 4-chloro-3-pyridyl, 4-fluoro-3-pyridyl, 4-bromo-3-pyridyl, 4-ethynyl-3-pyridyl, 5-chloro-2-pyridyl, 5-fluoro-2-pyridyl, 5-bromo-2-pyridyl, 5-ethynyl-2-pyridyl, 4-chloro-5-fluoro-2-pyridyl, 5-chloro-4-fluoro-2-pyridyl, 5-chloro-3-pyridyl, 5-fluoro-3-pyridyl, 5-bromo-3-pyridyl, 5-ethynyl-3-pyridyl, 6-chloro-3-pyridazinyl, 6-fluoro-3-pyridazinyl, 6-bromo-3-pyridazinyl, 6-ethynyl-3-pyridazinyl, 5-chloro-2-thiazolyl, 5-fluoro-2-thiazolyl, 5-bromo-2-thiazolyl or 5-ethynyl-2-thiazolyl.

40. The compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to any one of claims 28 to 39, wherein the group T¹ is a group -C(=O)-C(=O)-N(R')-, group -C(=S)-C(=O)-N(R')-, group -C(=O)-

C(=S)-N(R')- or group -C(=S)-C(=S)-N(R')-.

41. A medicine comprising the compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to any one of claims 1 to 40.

5 42. An activated blood coagulation factor X inhibitor comprising the compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to any one of claims 1 to 40.

43. An anticoagulant comprising the compound, the
10 salt thereof, the solvate thereof, or the N-oxide thereof according to any one of claims 1 to 40.

44. An agent for preventing and/or treating thrombosis or embolism, comprising the compound, the salt thereof, the solvate thereof, or the N-oxide
15 thereof according to any one of claims 1 to 40.

45. An agent for preventing and/or treating cerebral infarction, cerebral embolism, myocardial infarction, angina pectoris, pulmonary infarction, pulmonary embolism, Buerger's disease, deep venous
20 thrombosis, disseminated intravascular coagulation syndrome, thrombus formation after valve or joint replacement, thrombus formation and reocclusion after angioplasty, systemic inflammatory response syndrome (SIRS), multiple organ dysfunction syndrome (MODS),
25 thrombus formation during extracorporeal circulation, or blood clotting upon blood drawing, comprising the compound, the salt thereof, the solvate thereof, or the

N-oxide thereof according to any one of claims 1 to 40.

46. A medicinal composition comprising the compound,
the salt thereof, the solvate thereof, or the N-oxide
thereof according to any one of claims 1 to 40, and a
5 pharmaceutically acceptable carrier.

47. Use of the compound, the salt thereof, the
solvate thereof, or the N-oxide thereof according to any
one of claims 1 to 40 for preparation of a medicine.

48. Use of the compound, the salt thereof, the
10 solvate thereof, or the N-oxide thereof according to any
one of claims 1 to 40 for preparation of an activated
blood coagulation factor X inhibitor.

49. Use of the compound, the salt thereof, the
solvate thereof, or the N-oxide thereof according to any
15 one of claims 1 to 40 for preparation of an
anticoagulant.

50. Use of the compound, the salt thereof, the
solvate thereof, or the N-oxide thereof according to any
one of claims 1 to 40 for preparation of an agent for
20 preventing and/or treating thrombosis or embolism.

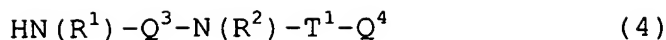
51. Use of the compound, the salt thereof, the
solvate thereof, or the N-oxide thereof according to any
one of claims 1 to 40 for preparation of an agent for
preventing and/or treating cerebral infarction, cerebral
25 embolism, myocardial infarction, angina pectoris,
pulmonary infarction, pulmonary embolism, Buerger's
disease, deep venous thrombosis, disseminated

intravascular coagulation syndrome, thrombus formation after valve or joint replacement, thrombus formation and reocclusion after angioplasty, systemic inflammatory response syndrome (SIRS), multiple organ dysfunction syndrome (MODS), thrombus formation during extracorporeal circulation, or blood clotting upon blood drawing.

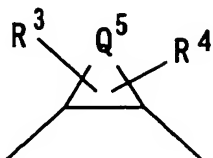
52. A method for treating thrombosis or embolism, which comprises administering an effective amount of the compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to any one of claims 1 to 40.

53. A method for treating cerebral infarction, cerebral embolism, myocardial infarction, angina pectoris, pulmonary infarction, pulmonary embolism, Buerger's disease, deep venous thrombosis, disseminated intravascular coagulation syndrome, thrombus formation after valve or joint replacement, thrombus formation and reocclusion after angioplasty, systemic inflammatory response syndrome (SIRS), multiple organ dysfunction syndrome (MODS), thrombus formation during extracorporeal circulation, or blood clotting upon blood drawing, which comprises administering an effective amount of the compound, the salt thereof, the solvate thereof, or the N-oxide thereof according to any one of claims 1 to 40.

54. A compound represented by the following general formula (4):

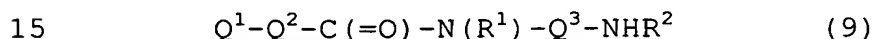


wherein R^1 , R^2 and T^1 have the same meanings as defined in claim 1, Q^3 represents the following group:

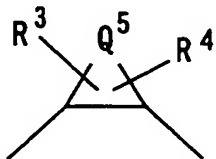


5 wherein Q^5 , R^3 and R^4 have the same meanings as defined in claim 1, and Q^4 represents an aryl group which may be substituted, a heteroaryl group which may be substituted, a saturated or unsaturated, bicyclic or tricyclic fused hydrocarbon group which may be substituted, or a
 10 saturated or unsaturated, bicyclic or tricyclic fused heterocyclic group which may be substituted;
 a salt thereof, a solvate thereof, or an N-oxide thereof.

55. A compound represented by the following general formula (9):



wherein Q^2 , R^1 and R^2 have the same meanings as defined in claim 1, Q^1 represents a saturated or unsaturated, bicyclic or tricyclic fused heterocyclic group which may be substituted, and Q^3 represents the following group:

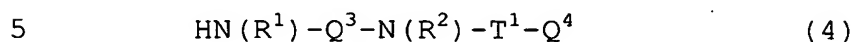


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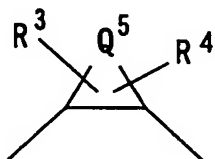
in which Q^5 , R^3 and R^4 have the same meanings as defined

in claim 1, a salt thereof, a solvate thereof, or an N-oxide thereof.

56. A compound represented by the following general formula (4):

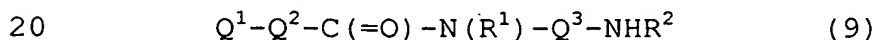


wherein R^1 , R^2 and T^1 have the same meanings as defined in claim 17, Q^3 represents the following group:

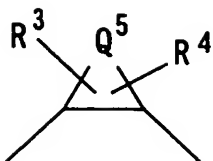


wherein Q^5 , R^3 and R^4 have the same meanings as defined
10 in claim 17, and Q^4 represents an aryl group which may be substituted, a heteroaryl group which may be substituted, a saturated or unsaturated, bicyclic or tricyclic fused hydrocarbon group which may be substituted, or a saturated or unsaturated, bicyclic or tricyclic fused
15 heterocyclic group which may be substituted;
and a salt thereof, a solvate thereof, or an N-oxide thereof.

57. A compound represented by the following general formula (9):

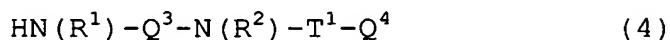


wherein Q^2 , R^1 and R^2 have the same meanings as defined in claim 17, Q^1 represents a saturated or unsaturated, bicyclic or tricyclic fused heterocyclic group which may be substituted, and Q^3 represents the following group:

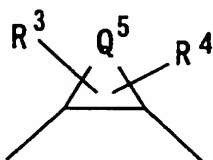


in which Q⁵, R³ and R⁴ have the same meanings as defined in claim 17, a salt thereof, a solvate thereof, or an N-oxide thereof.

5 58. A compound represented by the following general formula (4):



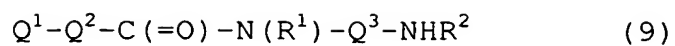
wherein R¹, R² and T¹ have the same meanings as defined in claim 28, Q³ represents the following group:



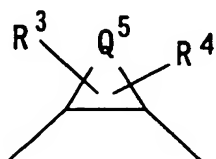
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wherein Q⁵, R³ and R⁴ have the same meanings as defined in claim 28, and Q⁴ represents an aryl group which may be substituted, a heteroaryl group which may be substituted, a saturated or unsaturated, bicyclic or tricyclic fused hydrocarbon group which may be substituted, or a saturated or unsaturated, bicyclic or tricyclic fused heterocyclic group which may be substituted; and a salt thereof, a solvate thereof, or an N-oxide thereof.

20 59. A compound represented by the following general formula (9):



wherein Q^2 , R^1 and R^2 have the same meanings as defined in claim 28, Q^1 represents a saturated or unsaturated, bicyclic or tricyclic fused heterocyclic group which may
 5 be substituted, and Q^3 represents the following group:



in which Q^5 , R^3 and R^4 have the same meanings as defined in claim 28, a salt thereof, a solvate thereof, or an N-oxide thereof.

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